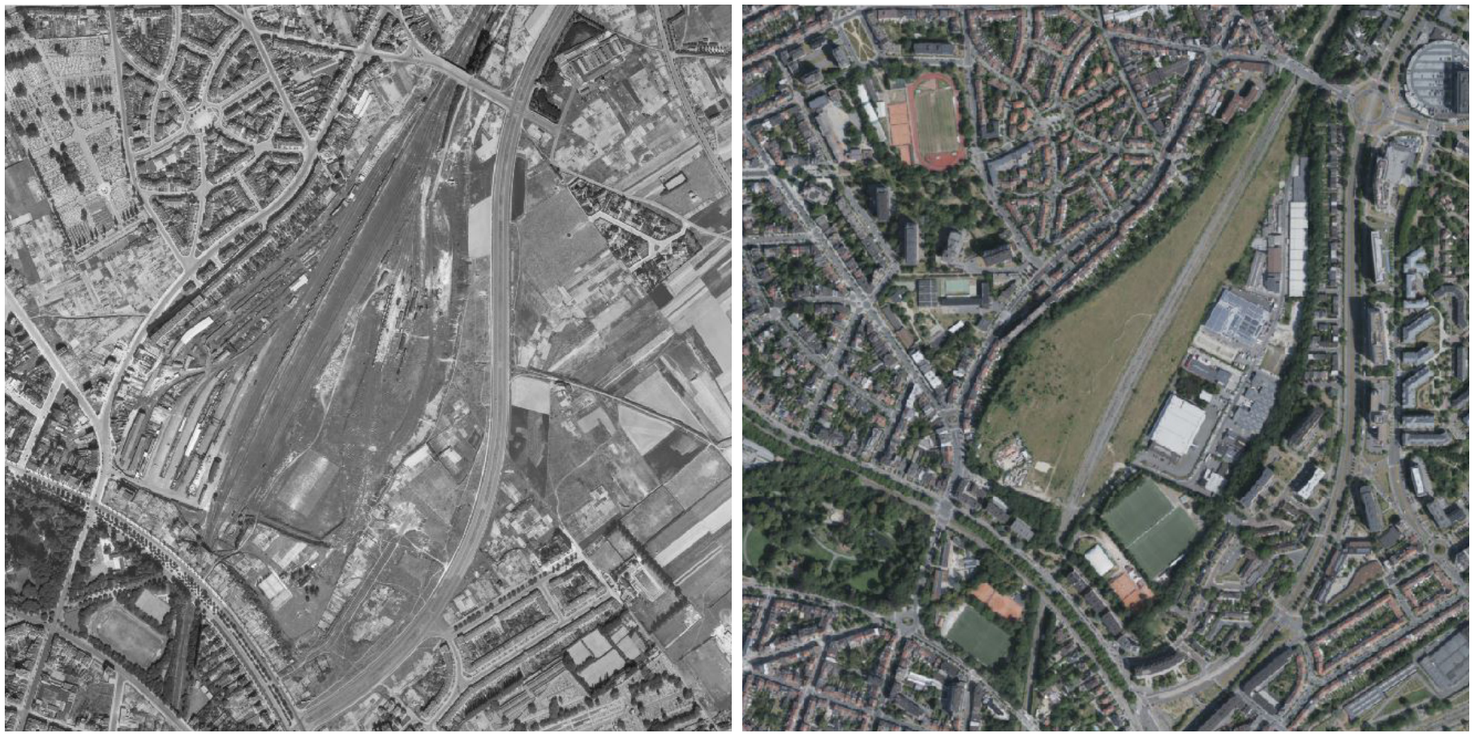
friche josaphat: lost & found?

(re)defining its fragments and boundaries

elina gaillard
TU Delft urban architecture
graduation

friche josaphat, brussels, belgium



way of defining
looking
reacting

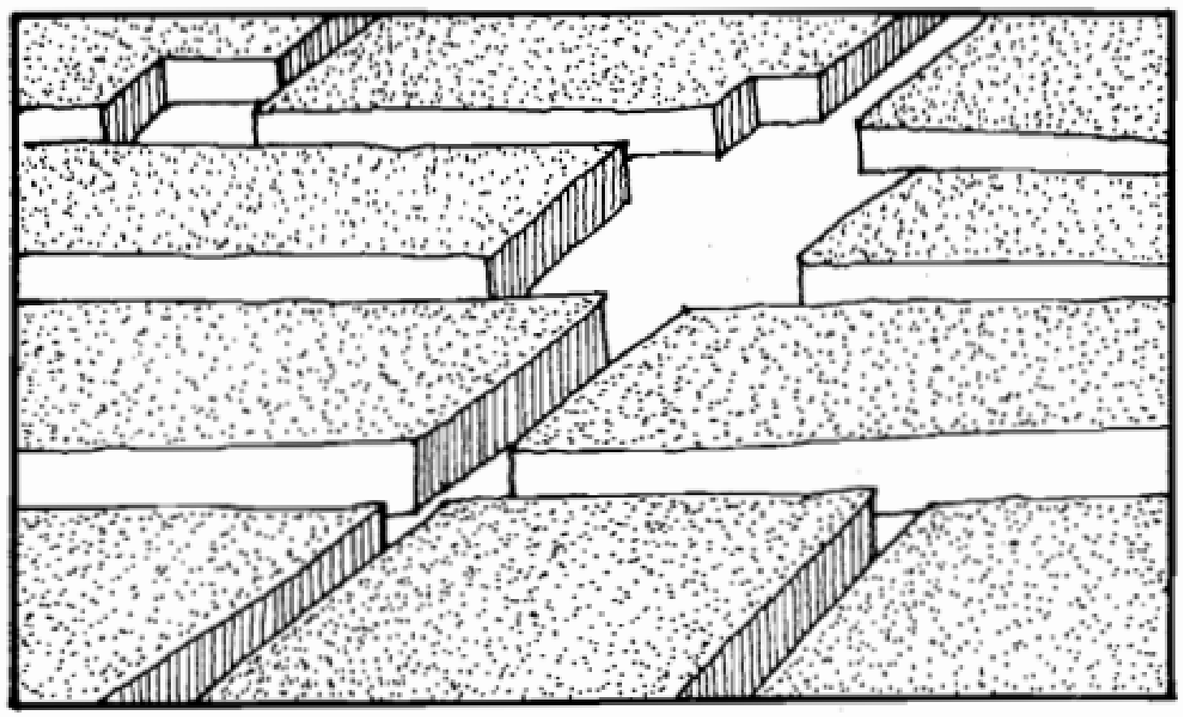
green grasses of town

brussels
railway tracks
green corridors

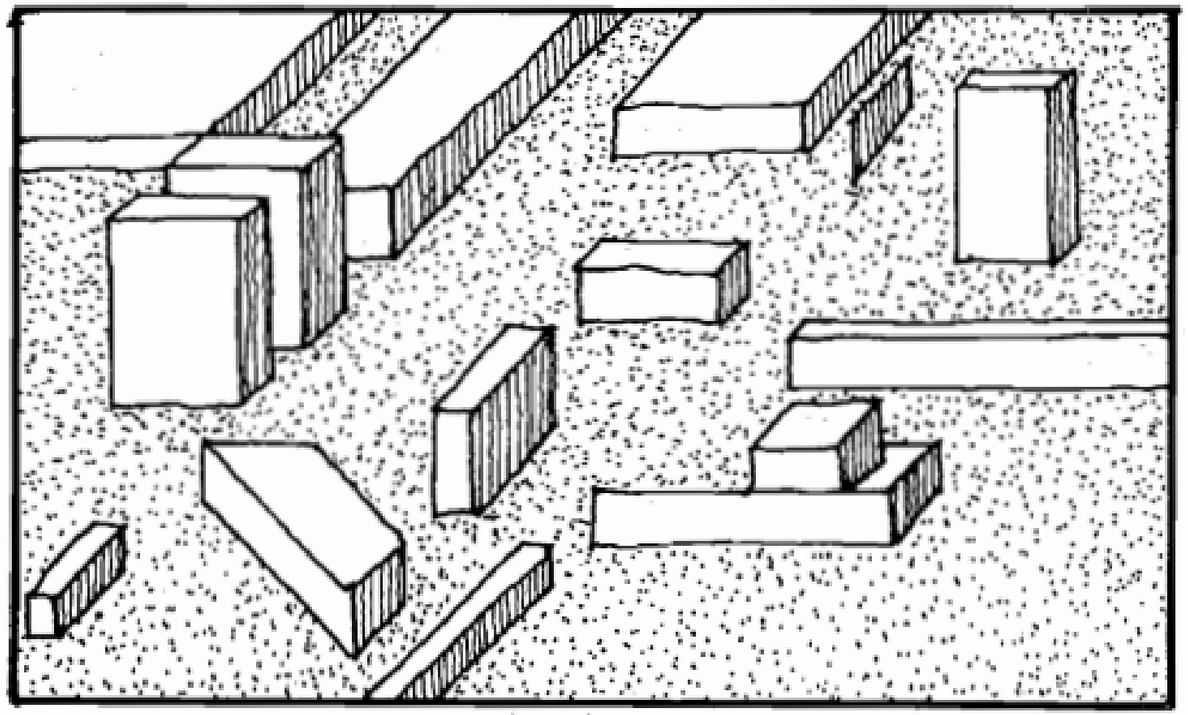
connecting
& separating

urban fragmentation
lost space
(dis)connection

way of defining

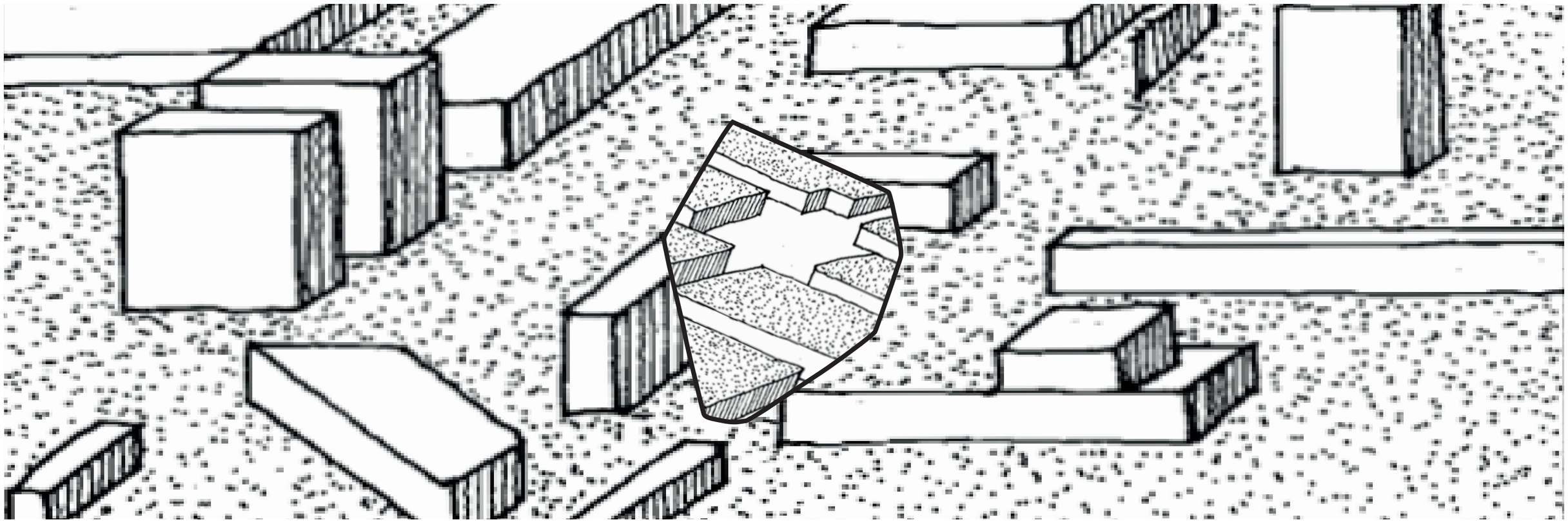


Traditional City Form



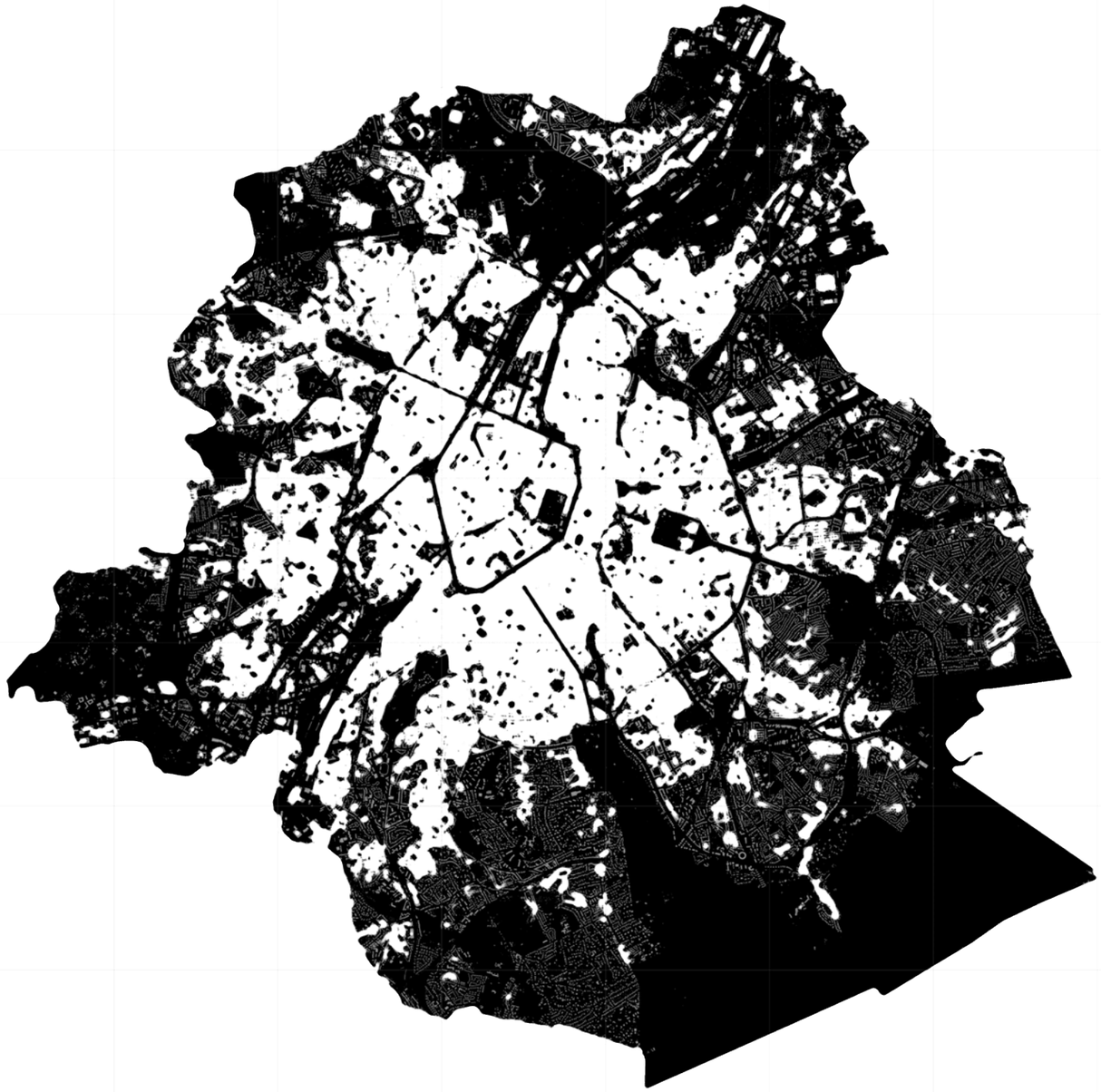
Modern City Form

the traditional city, where a well-organized system minimized the existence of lost spaces. the design of streets, squares, parks, and public spaces seamlessly integrated with individual building designs.



modern city form, expanding beyond its walls into open space. a new spatial structure: leaving undefined exterior spaces, structureless voids.

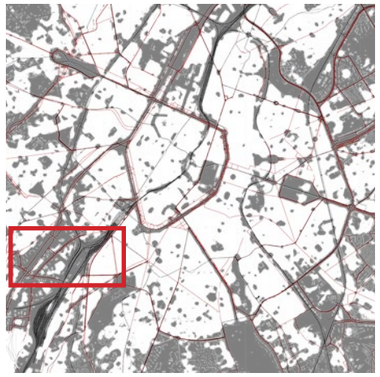
defining

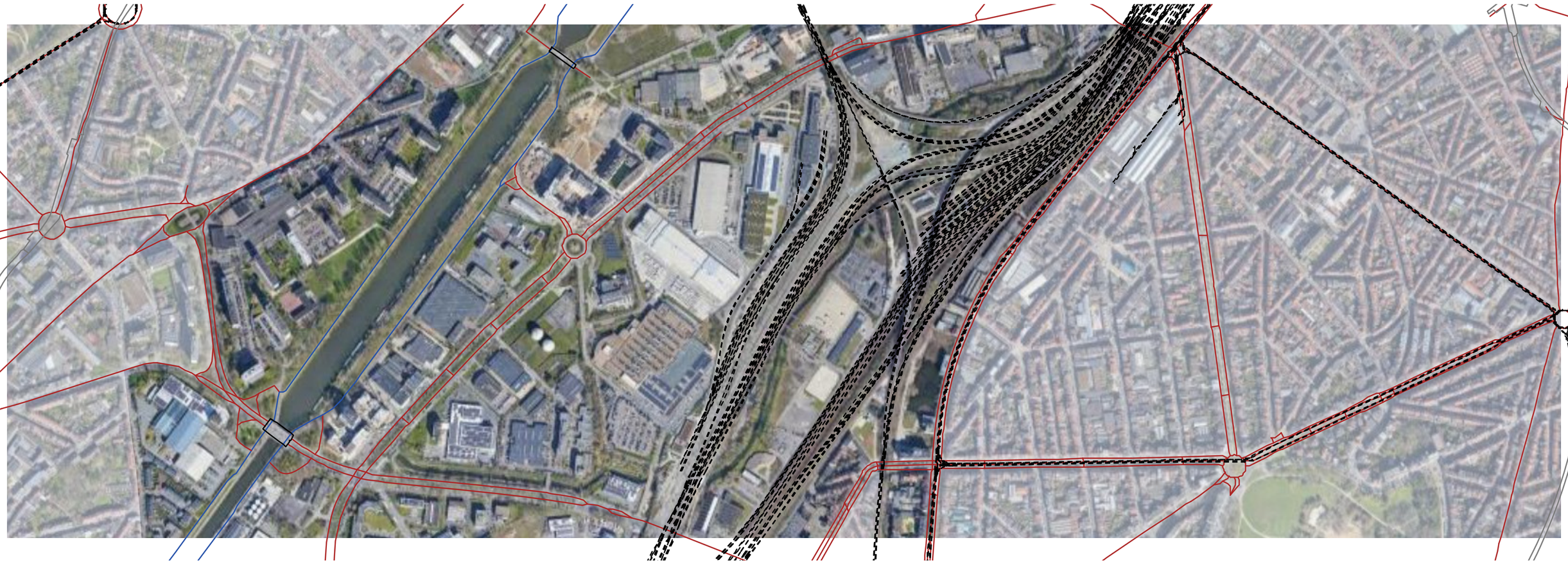


the modern city, now highly fragmented, their fringes extending beyond the old city walls, typically made up of disconnected areas of built land broken up by pieces of open space.

urban fragmentation

defining





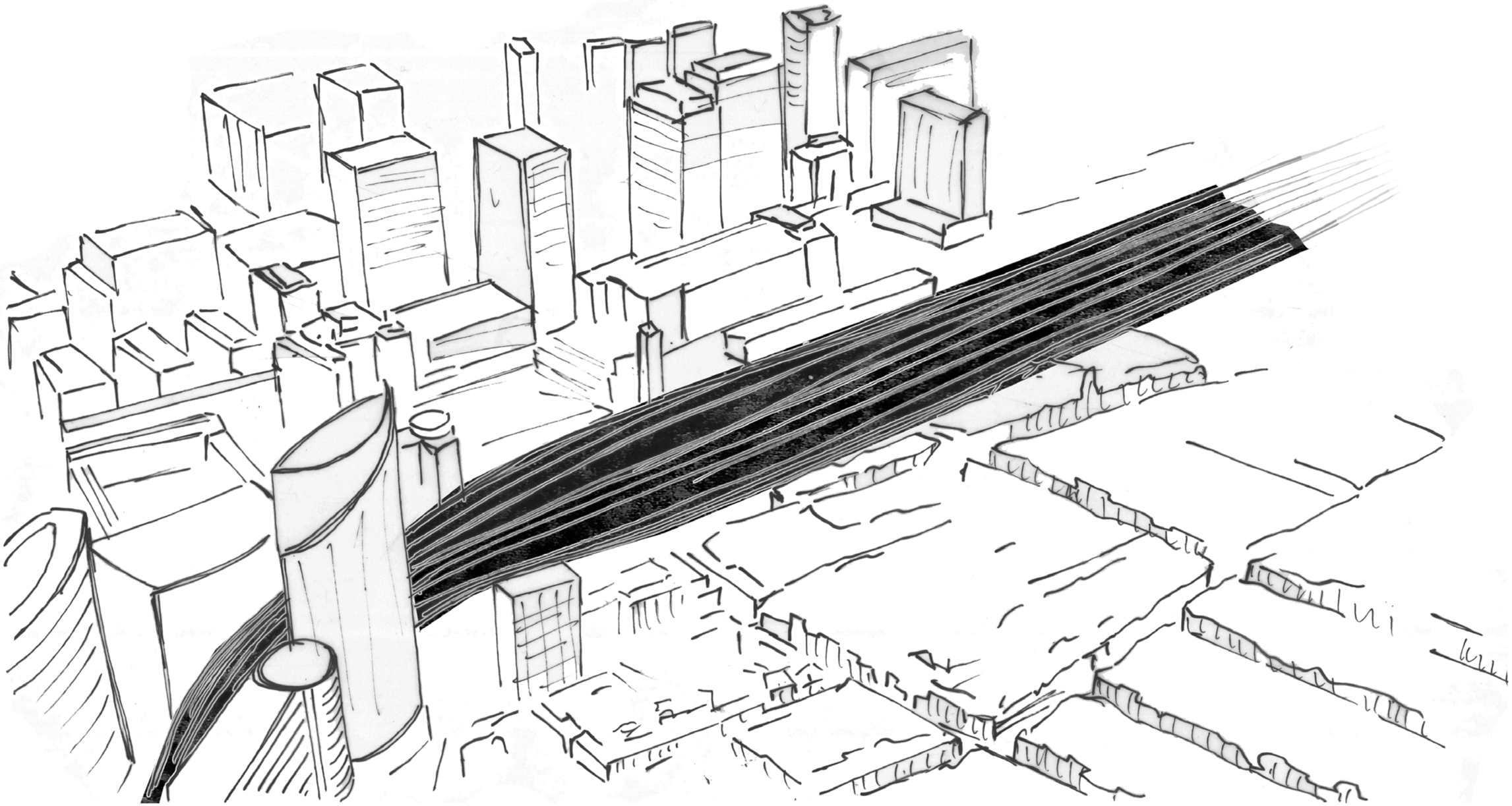
lost spaces are undesirable urban areas in need of redesign, *anti-spaces* that make no positive contribution to their surroundings or users. These spaces lack clear definition and fail to connect to its its adjacent elements. They exist along highways, railroad lines, and waterfronts, where major gaps disrupt the overall continuity of the city's structure.

lost space

defining

the modern city, now highly fragmented, their fringes extending beyond the old city walls, typically made up of disconnected areas of built land broken up by pieces of open space.

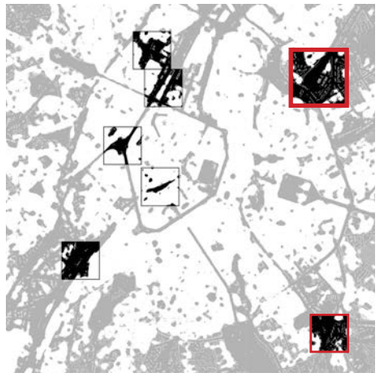
urban fragmentation

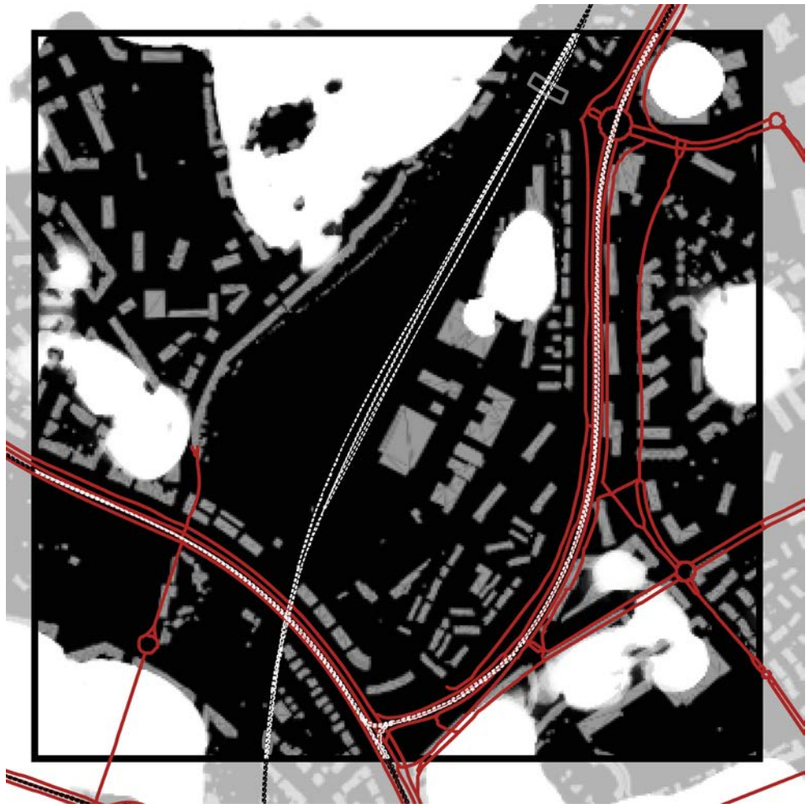


massive lines of infrastructure that divide neighborhoods otherwise connected. connection at the large-scale creates disconnection at the community level. at brussel-noord trainstation the traintracks seperate two strongly disconnected neighborhoods from each other.

way of looking

looking





7

former marshaling yard

... ?

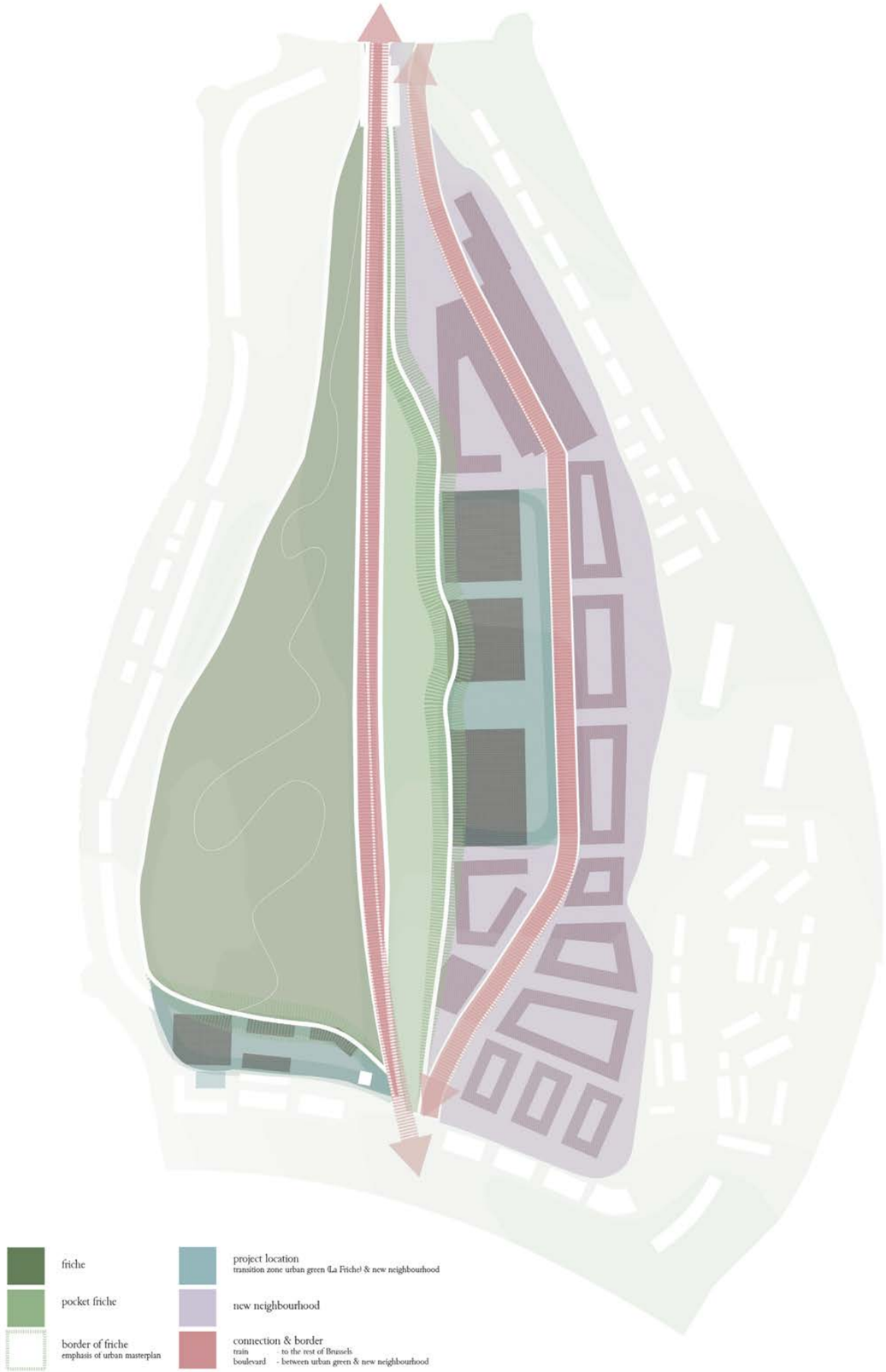
friche josaphat

friche josaphat isolated from its surroundings, a fragmented open space in the spatial structure of the expanded city. big contrast between untouched nature and the urban surroundings.

friche josaphat posing the duality of its isolated character: oasis or wasteland? strength or weakness?

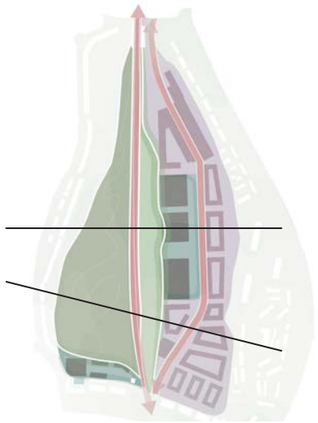
way of reacting

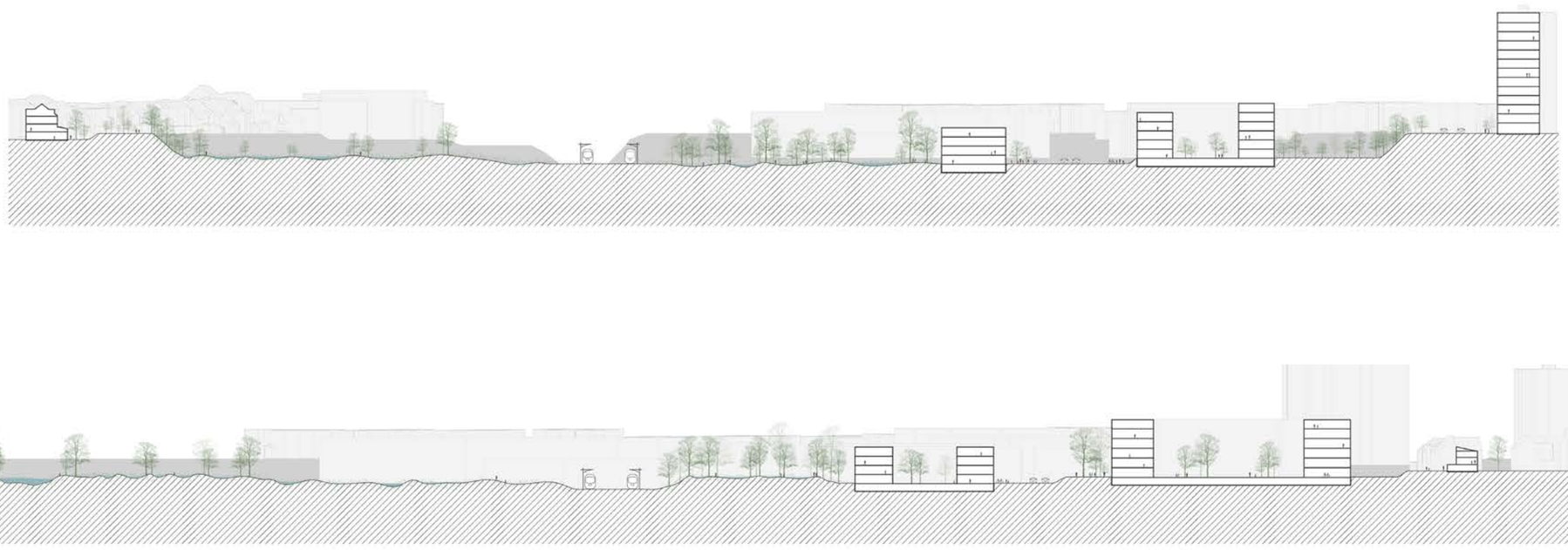
reacting



masterplan

friche josaphat a place safely bordered off by the train tracks cutting through.



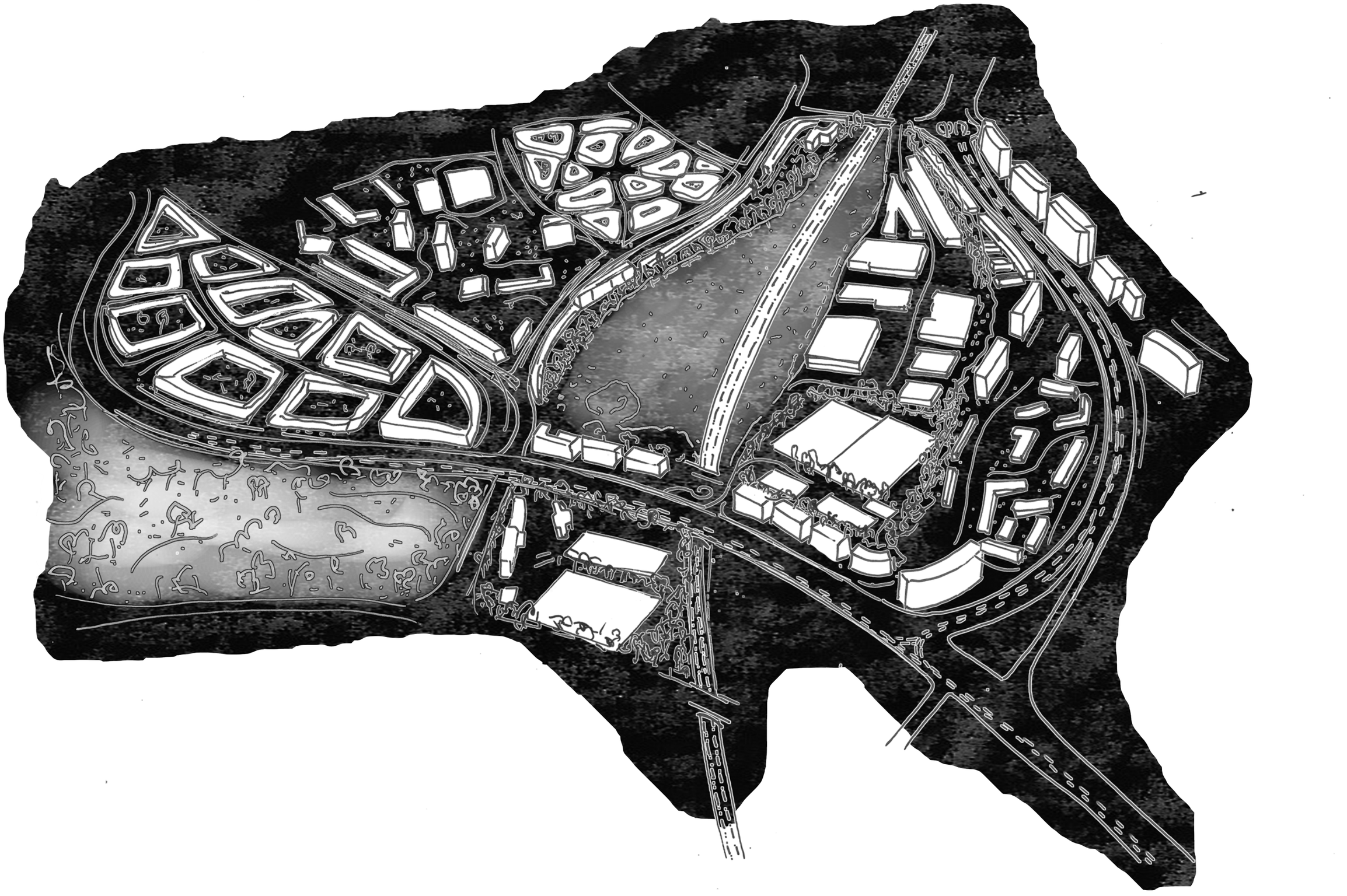


friche josaphat a place that people should be able to enter and use: give the space a sense of purpose to the neighbourhood.

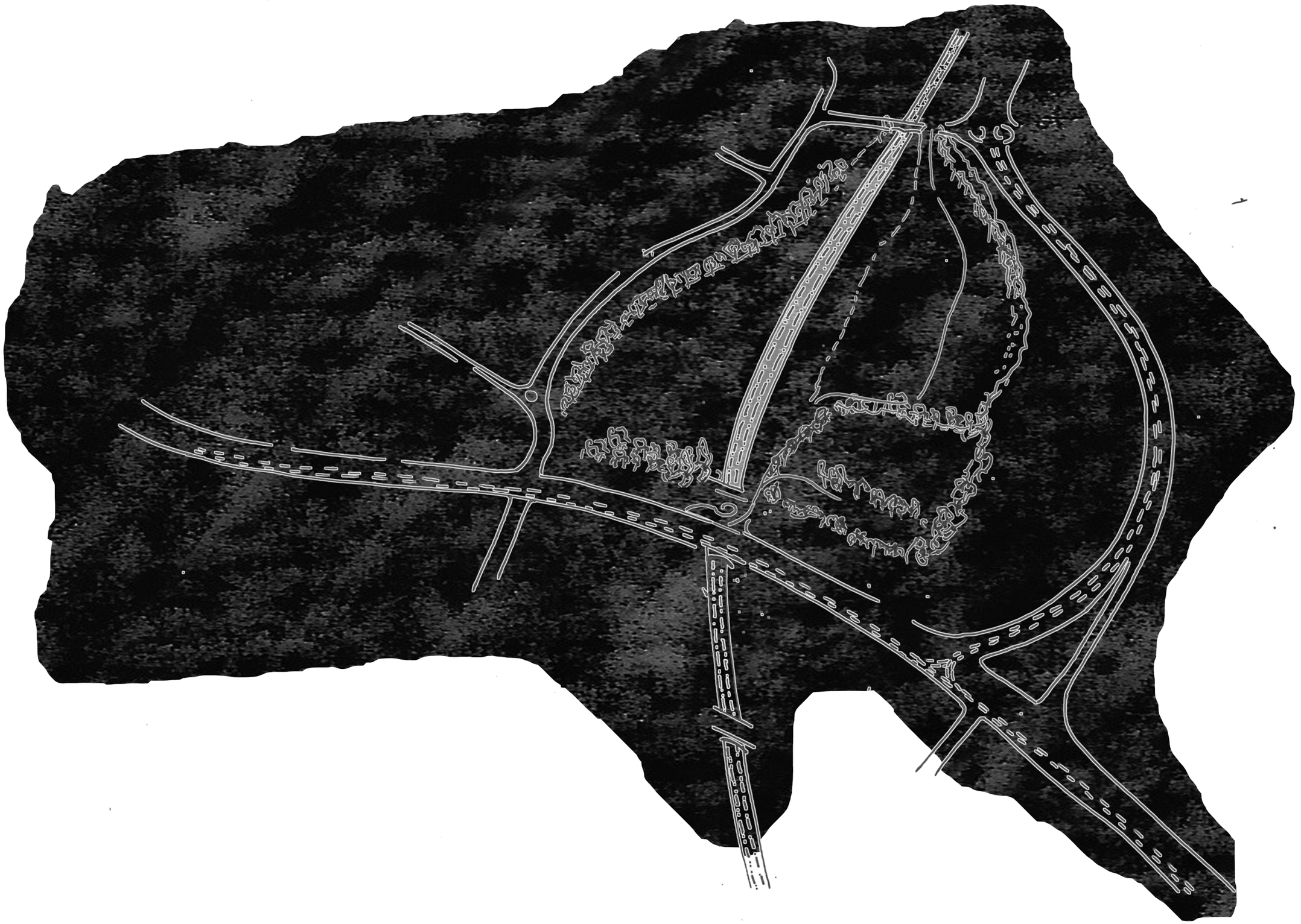
reacting

masterplan

way of looking

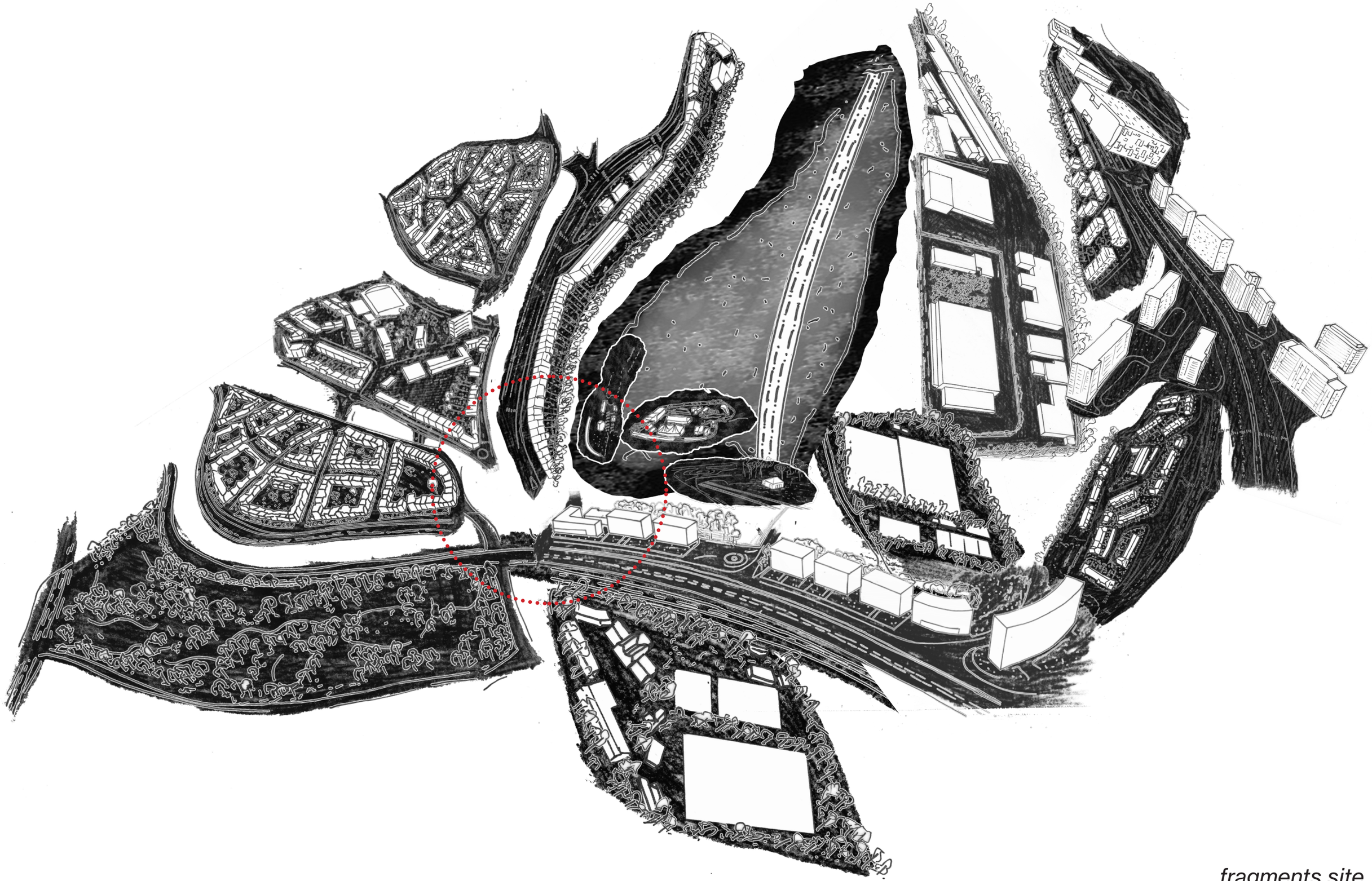


looking



boundries

looking

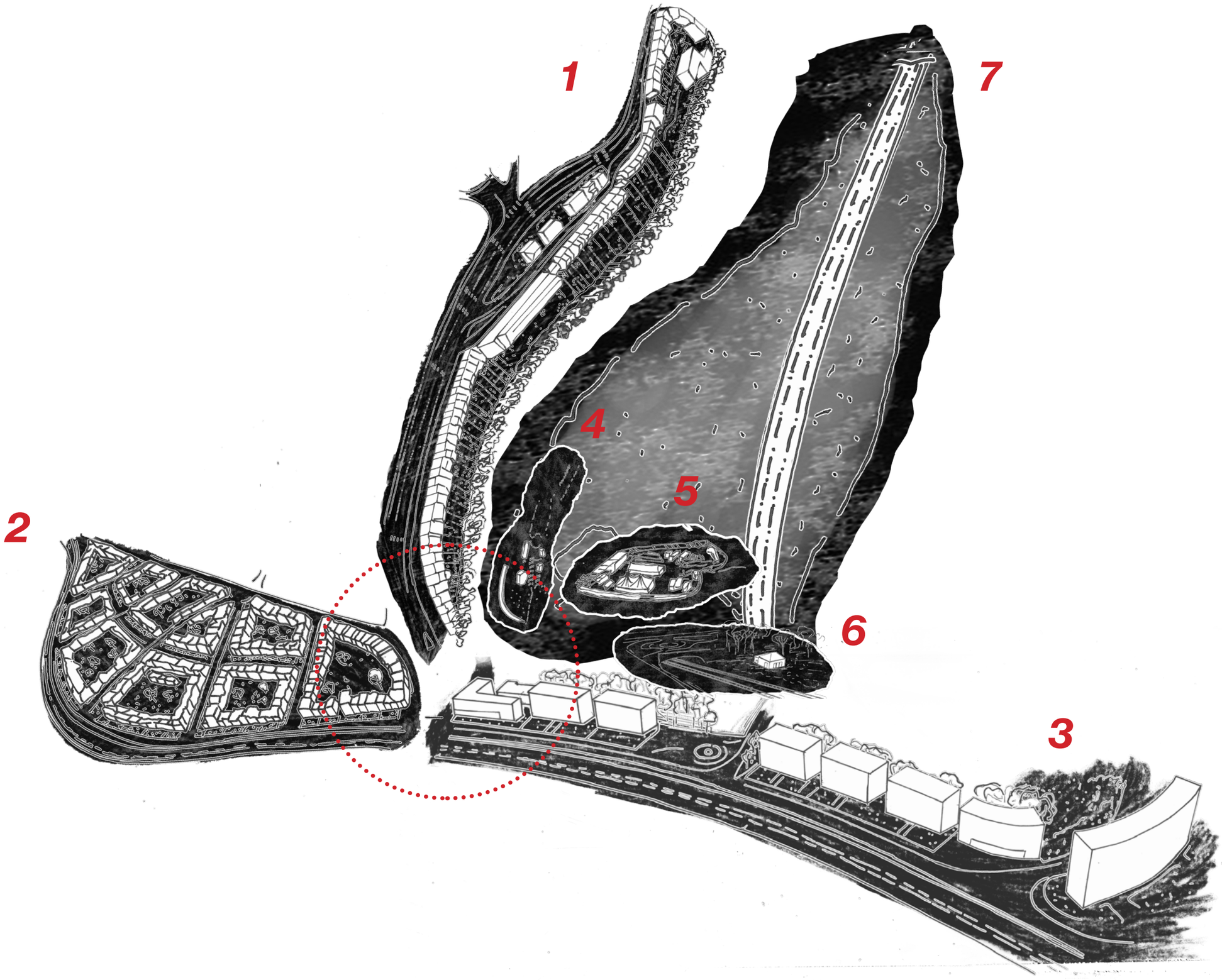


fragments site

looking

entrance

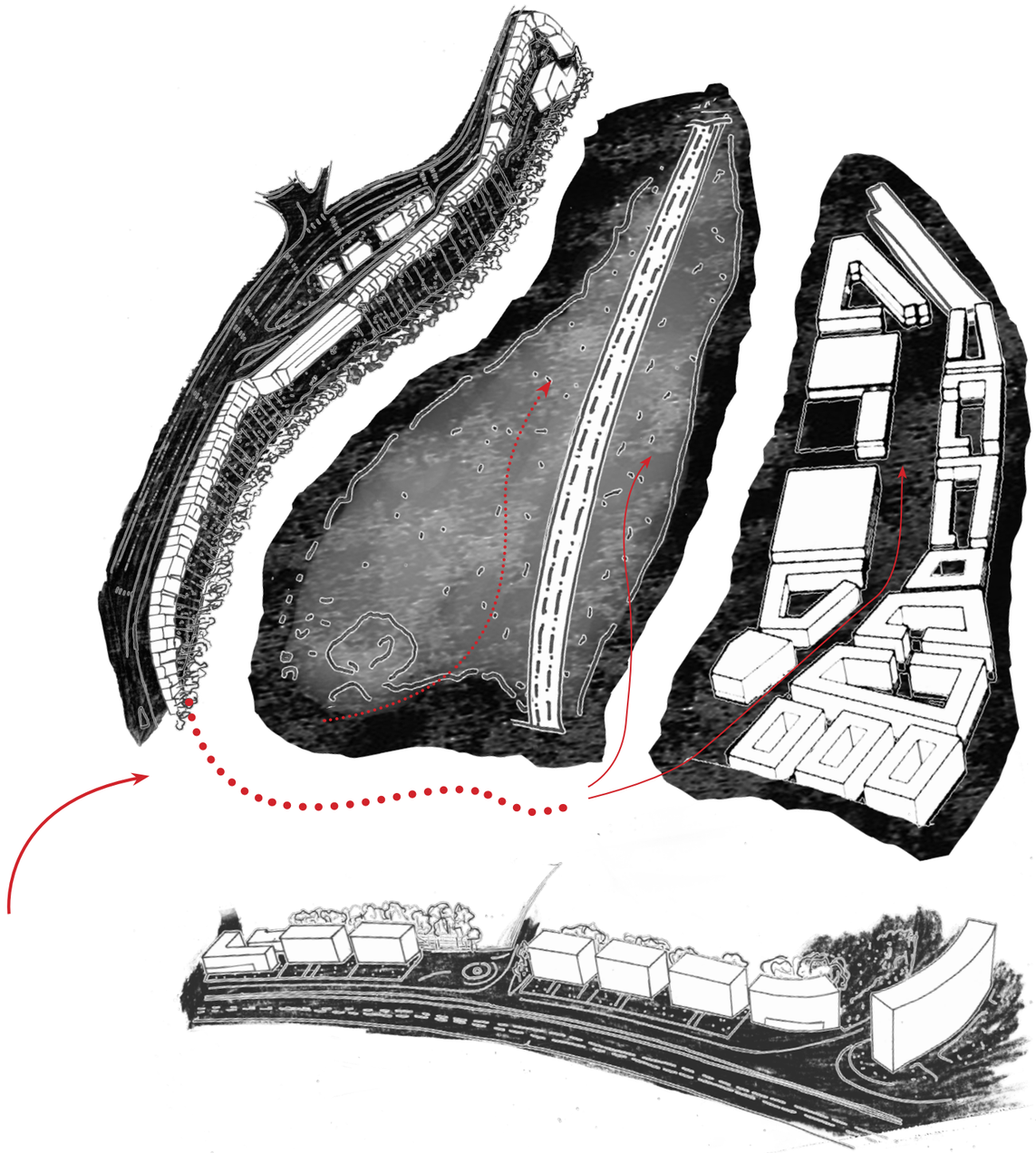
looking



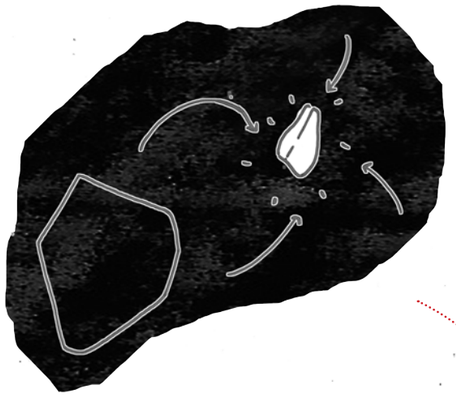
fragments entrance

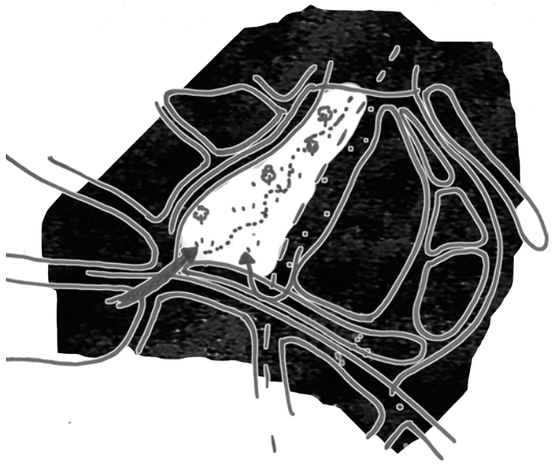
redefining friche josaphats borders

way of reacting

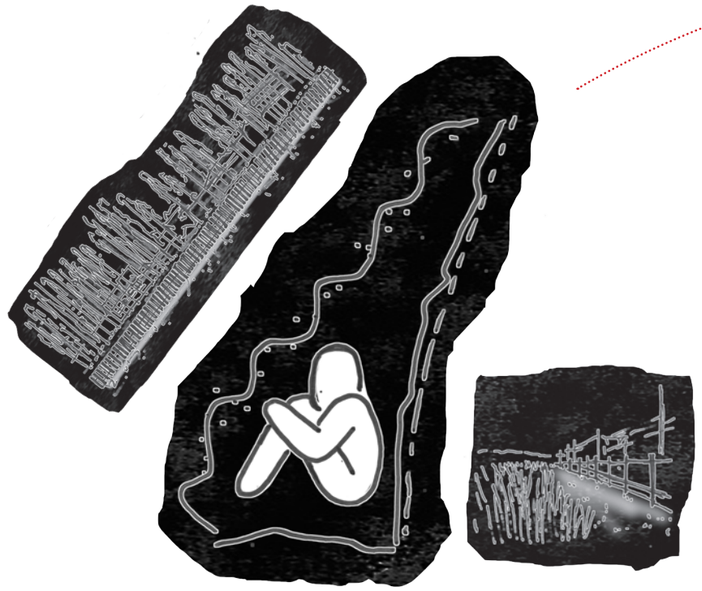


reacting

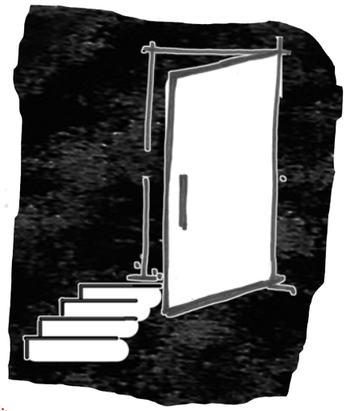




give a sense of purpose to the space
to the people in brussels and those living around the friche

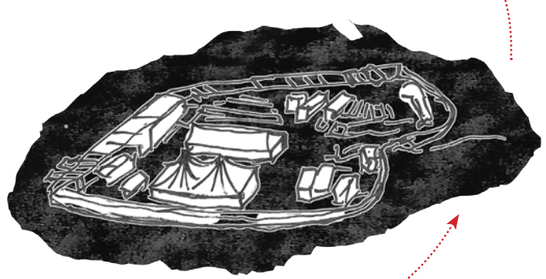


to maintain the isolated character of the space



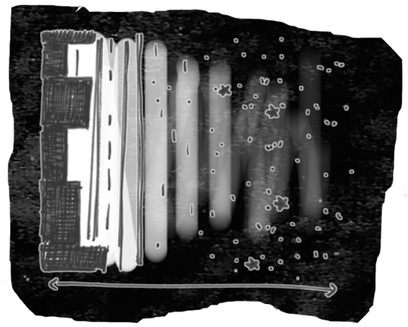
but, creating a bit of a threshold

attract and invite more people in

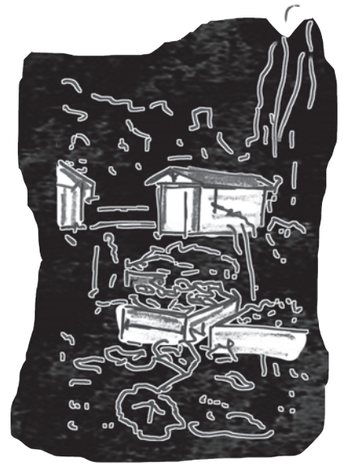


like the theatre does now

while entering...



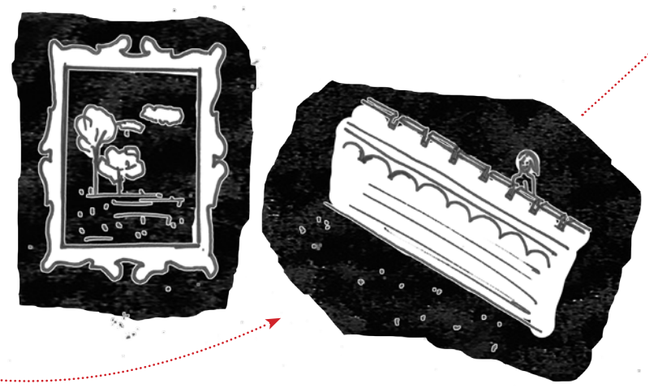
moving through a transitional zone:
from dense city to wild open friche



through social control by the safekeepers of the friche

making you aware of the space you are entering: creating a sense of value and respect towards this biodiverse oasis

do you actually enter?

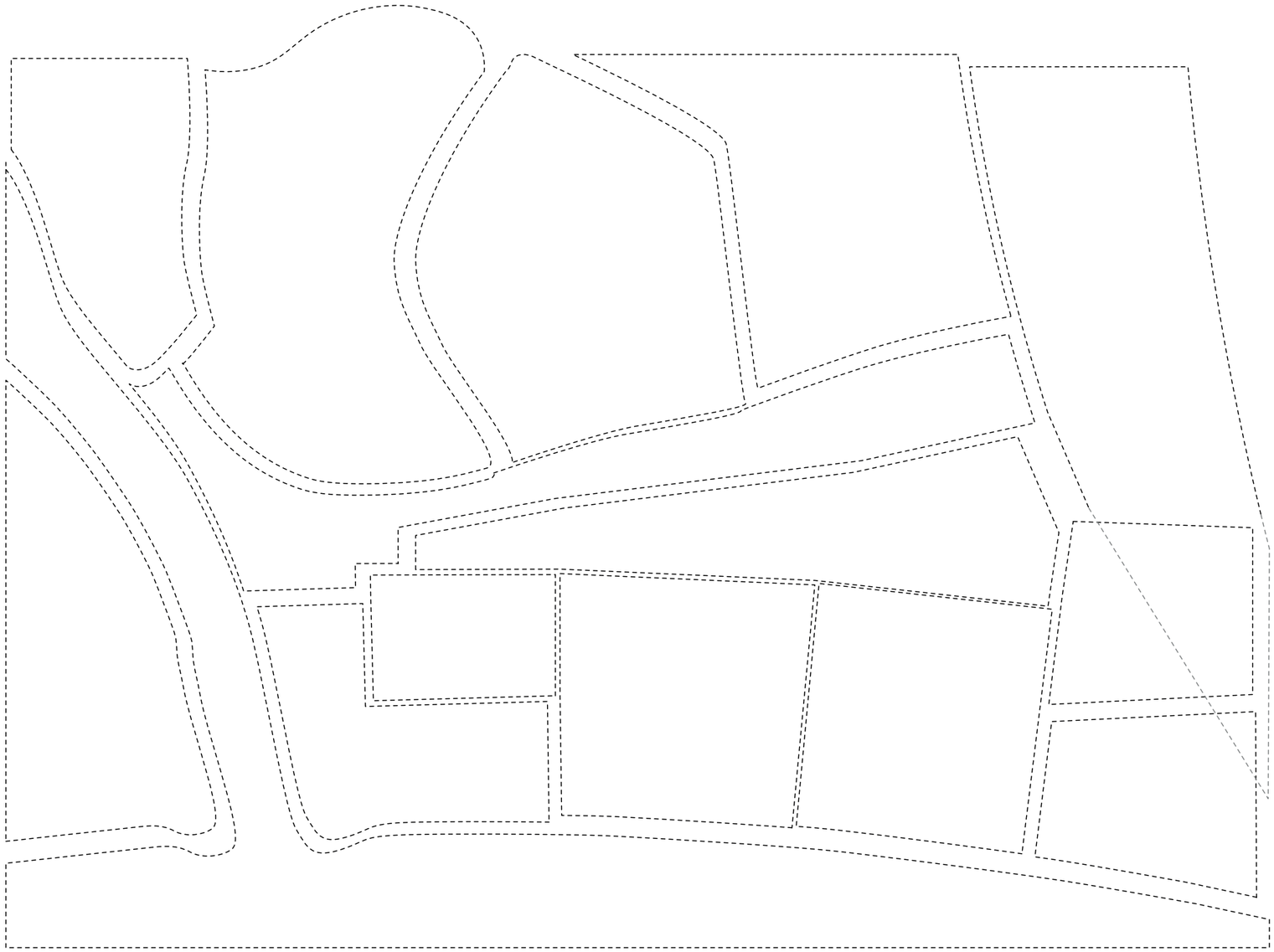


or is a visual connection enough for you?
... and do you continue your route

the fragmented entrance

way of looking

looking



fragments

looking

train tracks

looking

train tracks

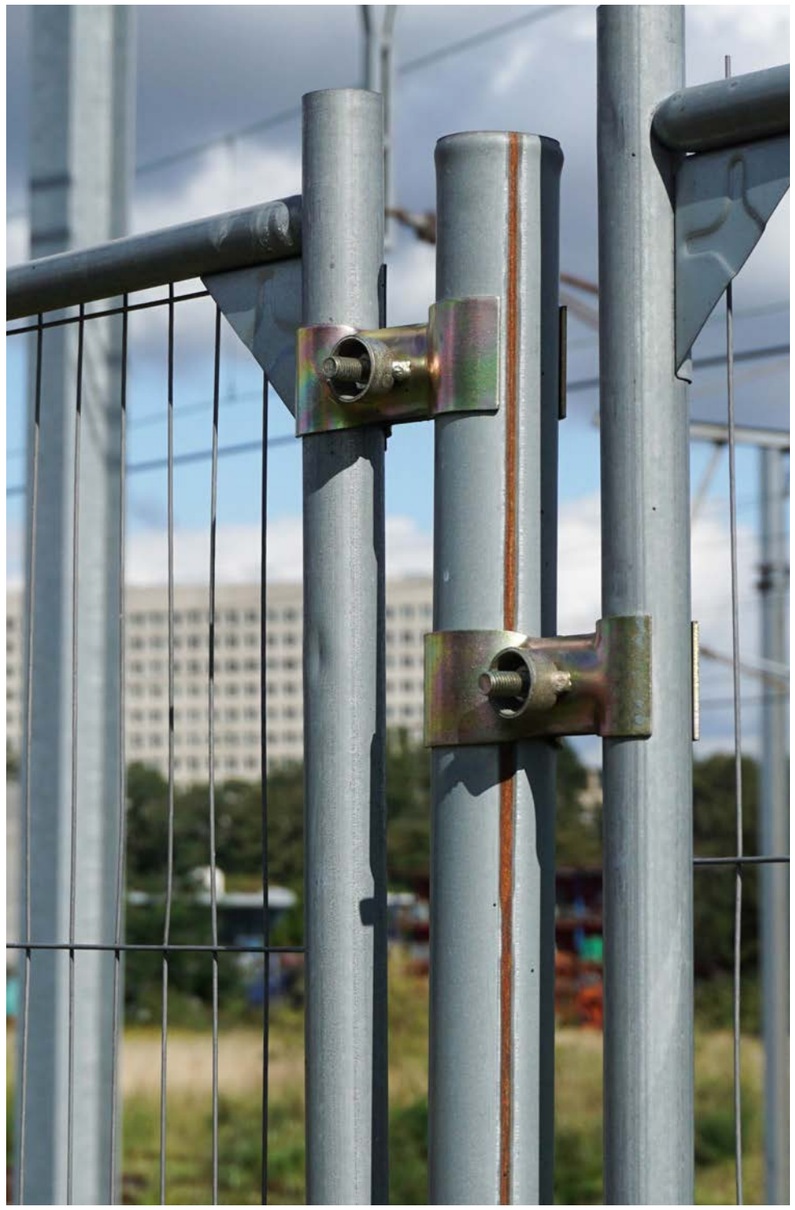
looking

train tracks

looking

train tracks

looking



train tracks

looking

train building

looking

train building

looking

train building

looking

train building

looking

train building

looking

train building

looking

wahis park

looking

wahis park

looking

wahis park

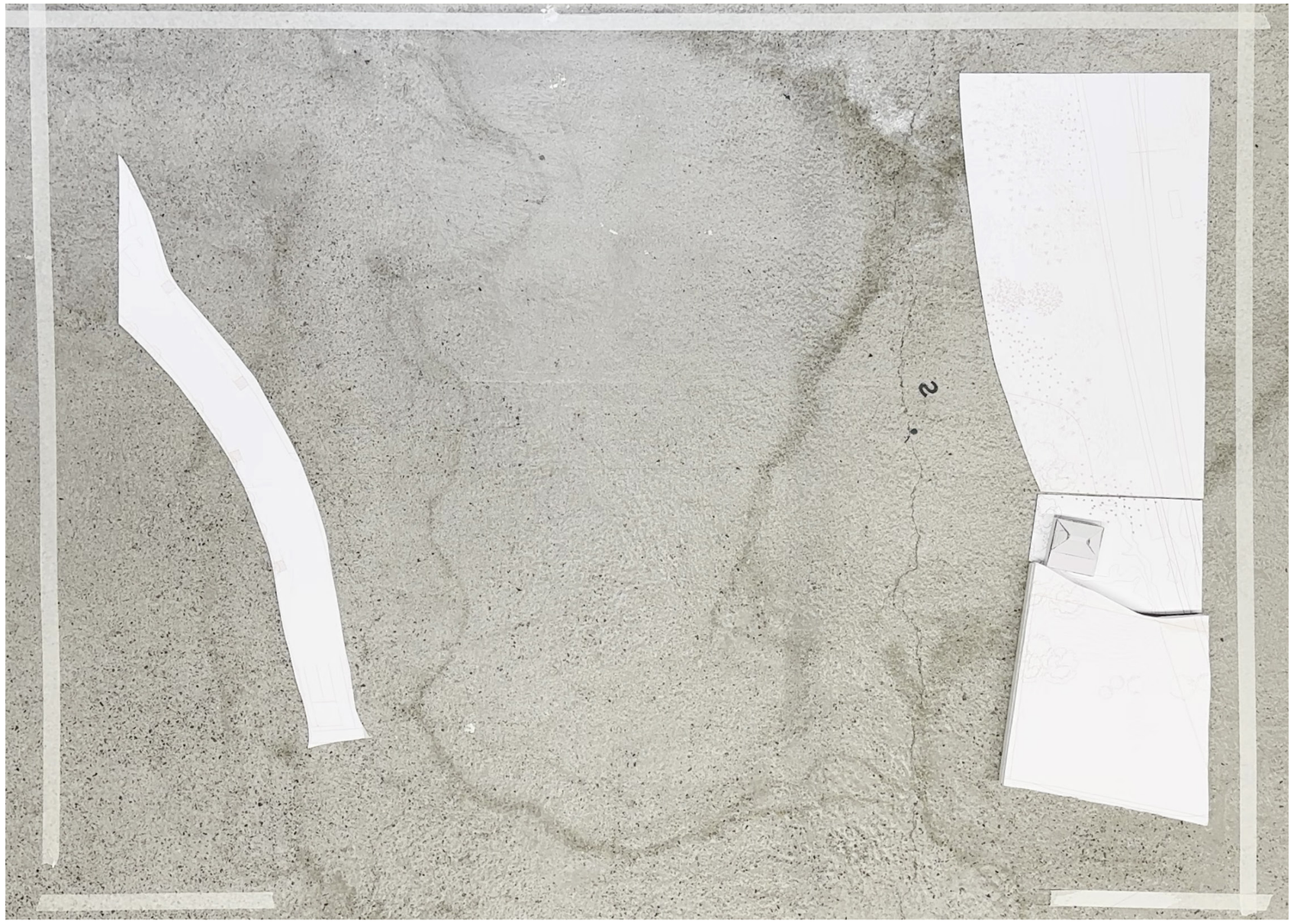
looking

street

looking

street

looking



street

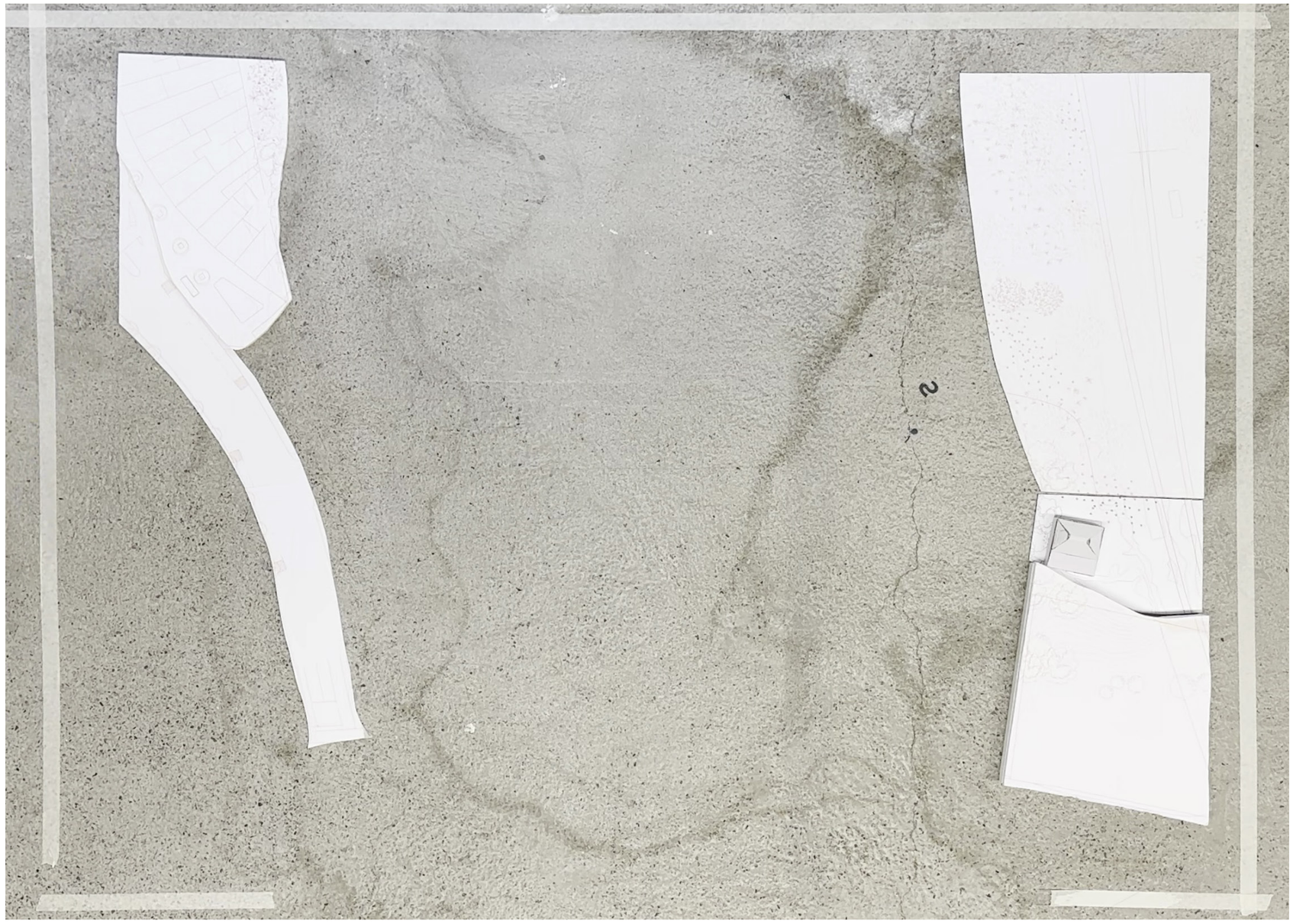
looking

street

looking

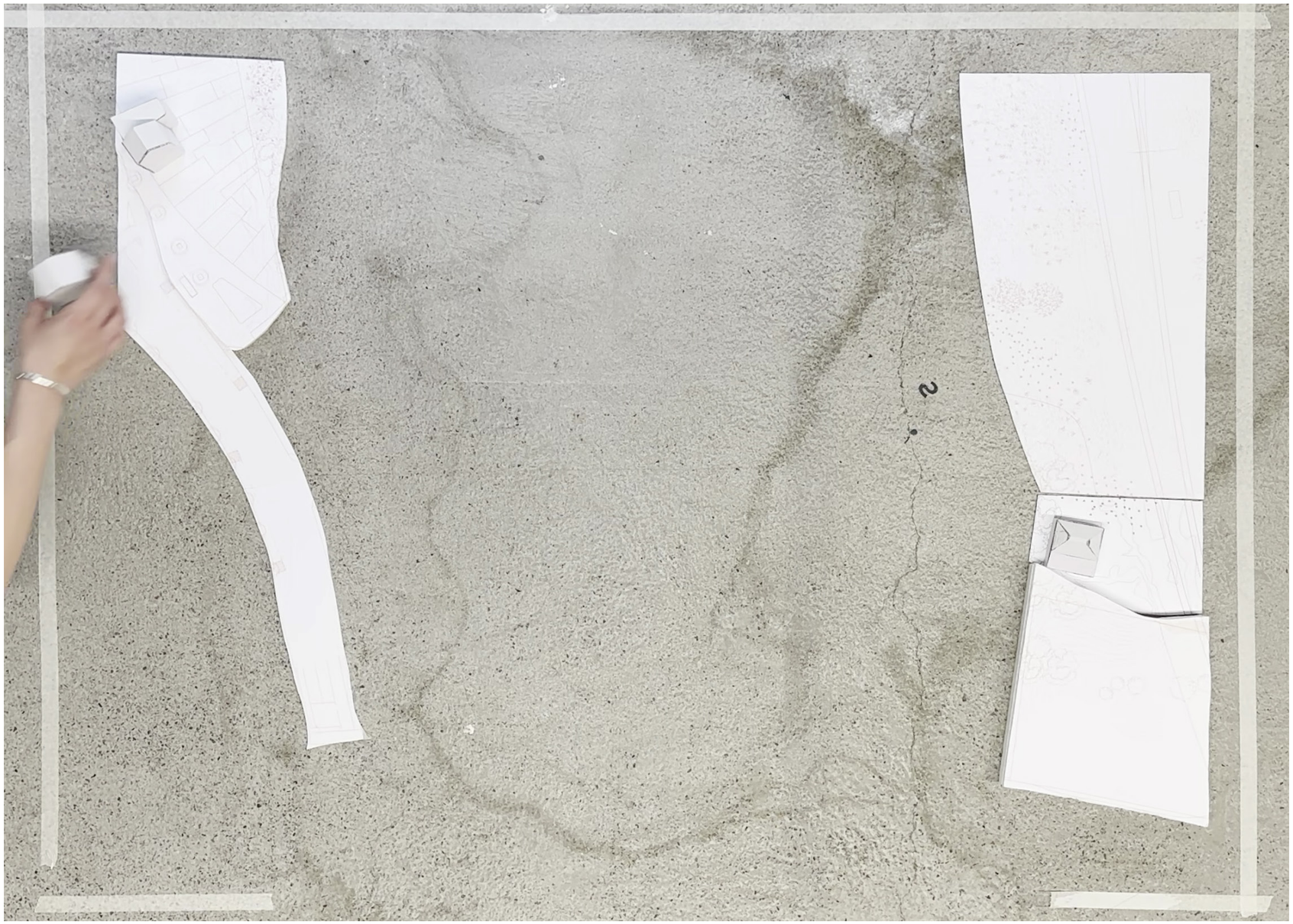
unique ground level houses

looking



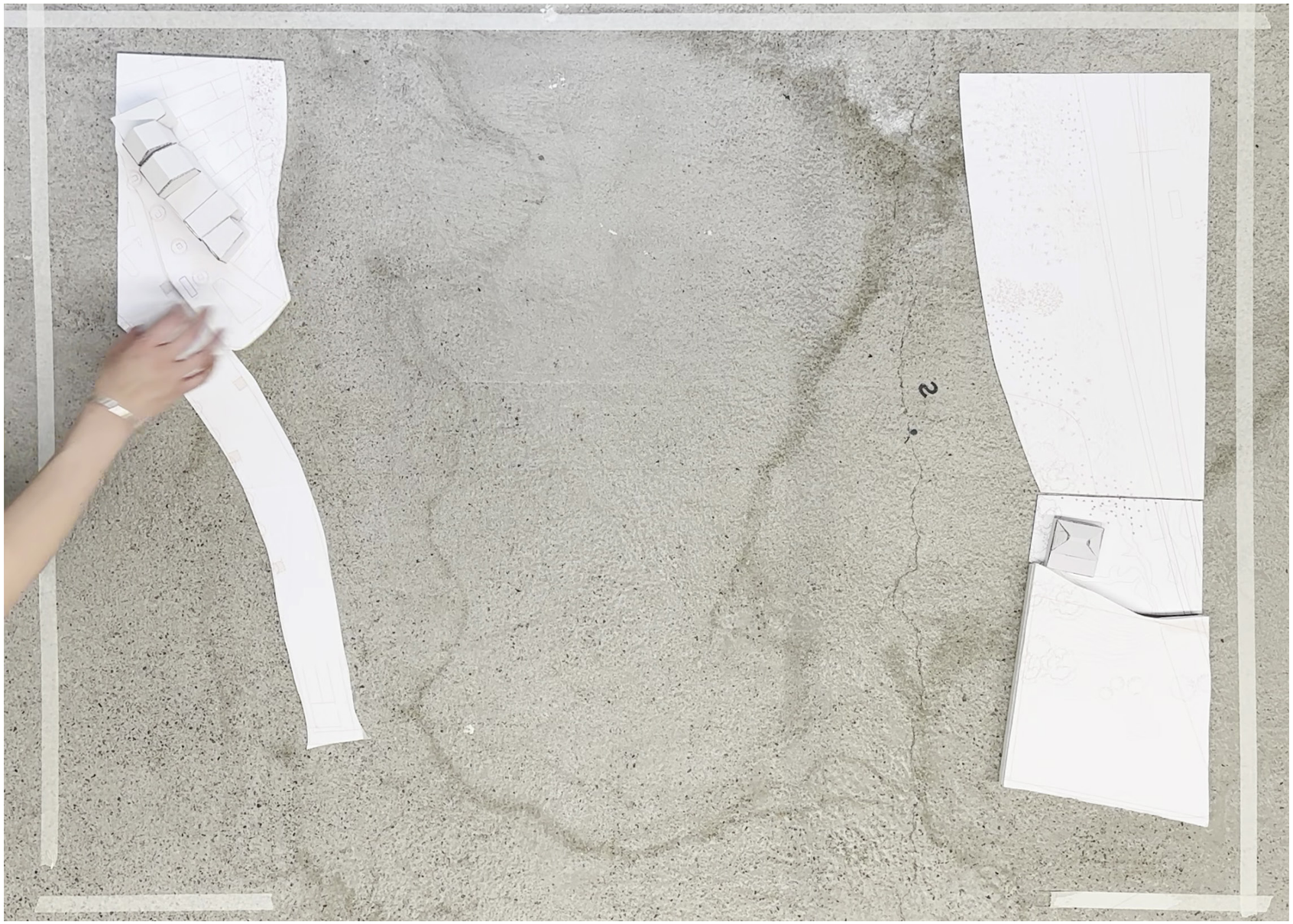
unique ground level houses

looking



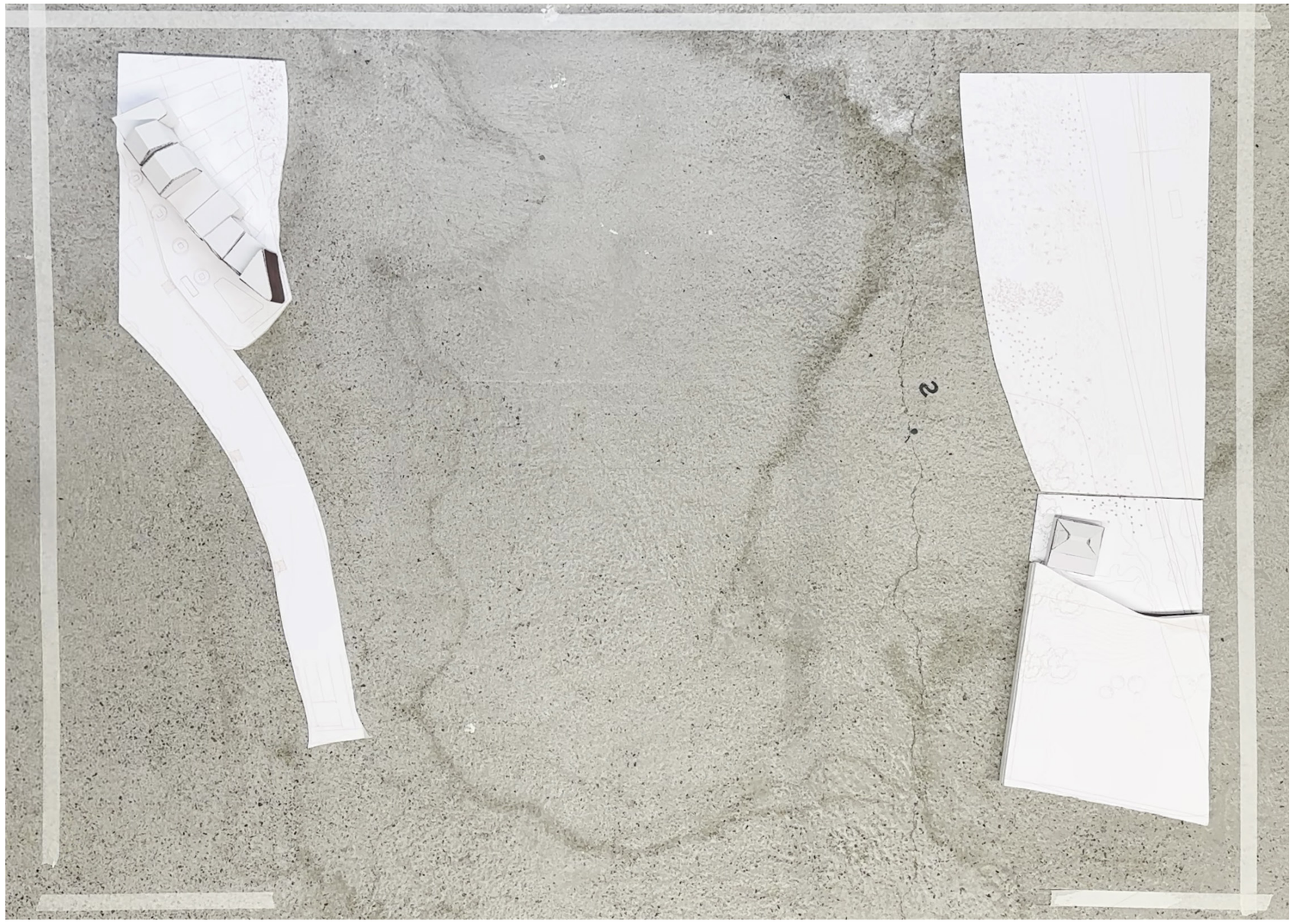
unique ground level houses

looking



unique ground level houses

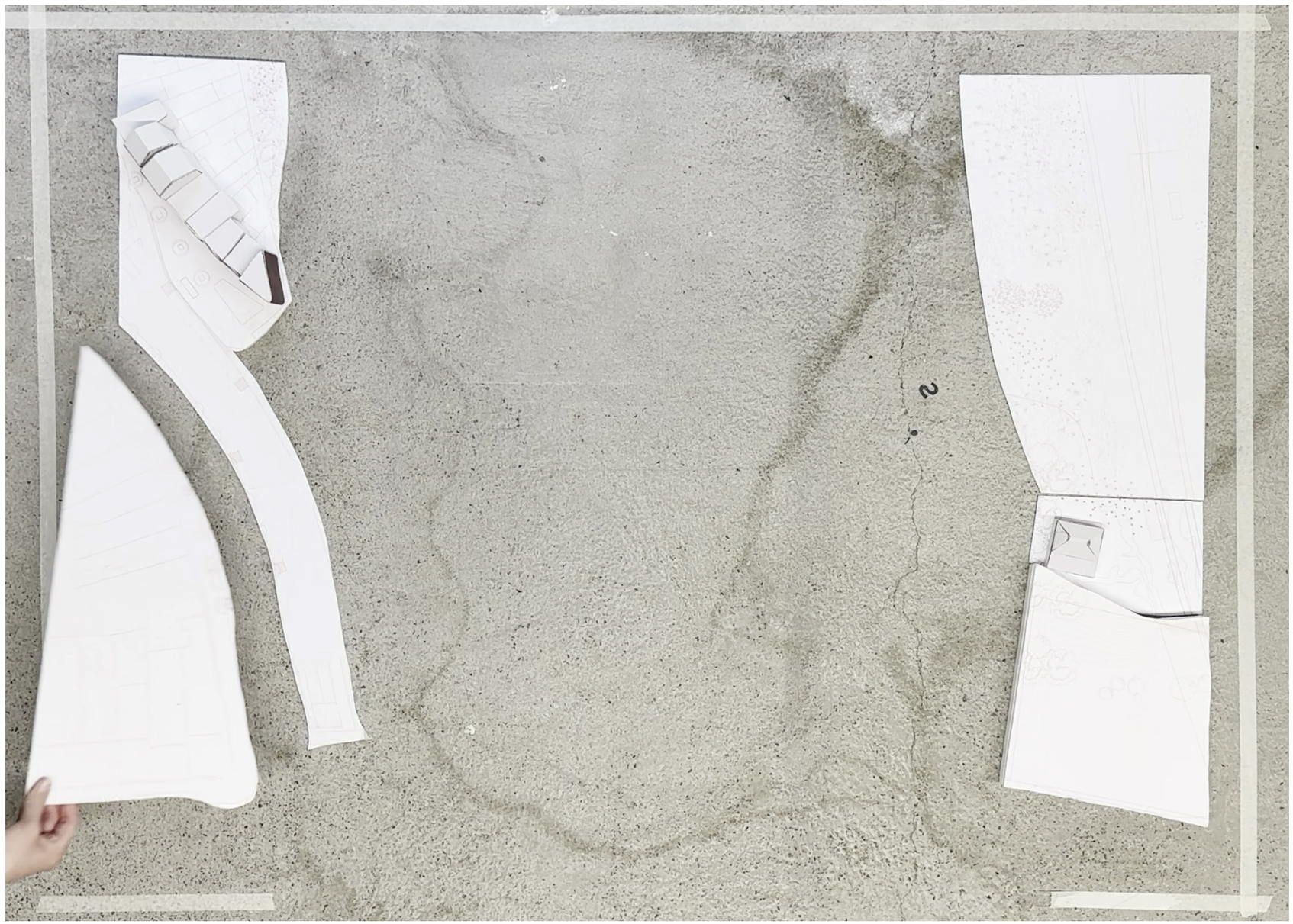
looking



unique ground level houses

15

looking



ground level houses

looking

ground level houses

looking

ground level houses

looking

ground level houses

looking

ground level houses

10:00

looking

ground level houses

looking

apartment block 1

looking

apartment block 1

looking

apartment block 1

looking

apartment block 1

looking

apartment block 1

looking

apartment block 1

looking

apartment block 2

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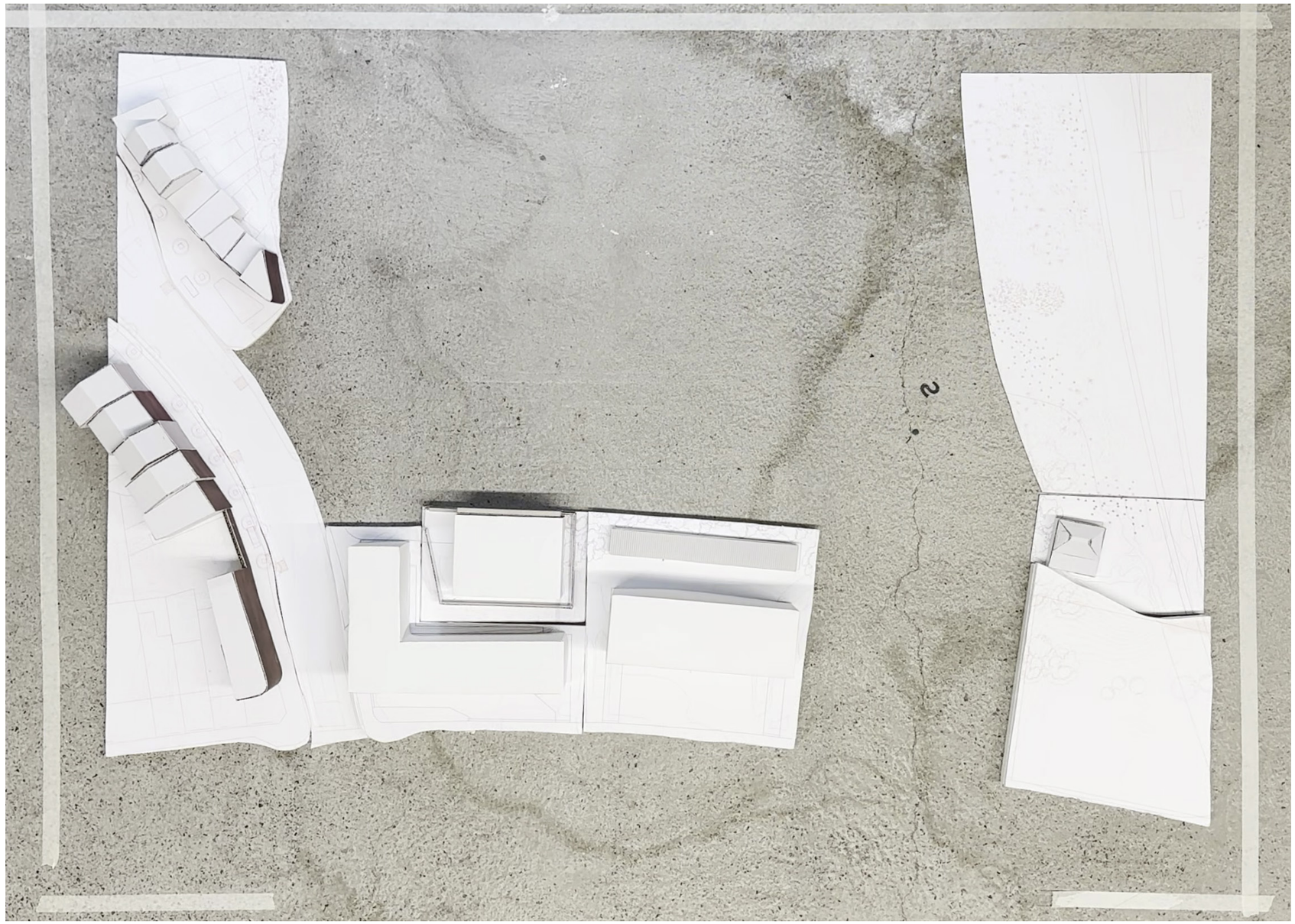
apartment block 2

looking

apartment block 2

looking



apartment block 2

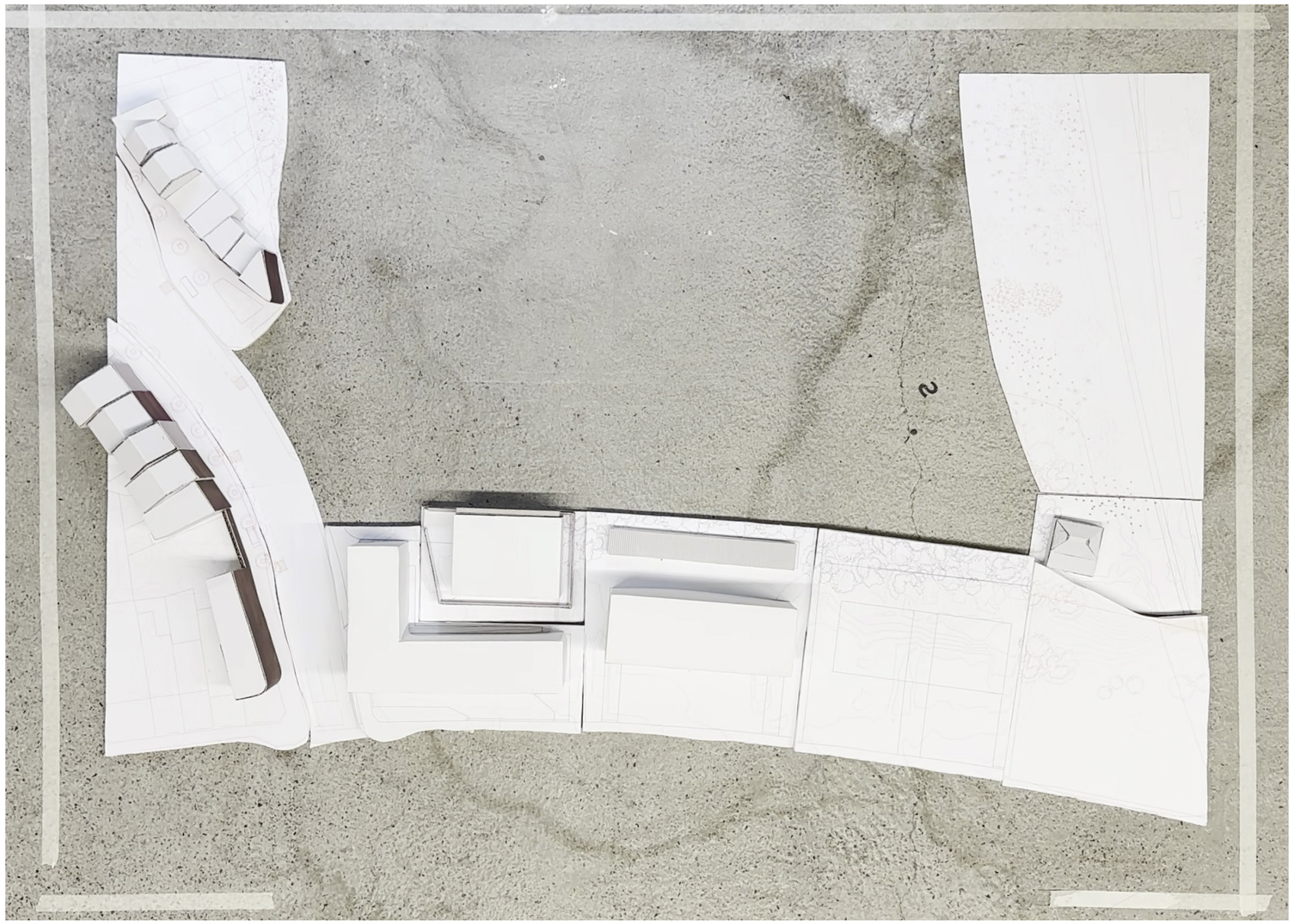
looking

apartment block 2

looking

apartment block 3

looking

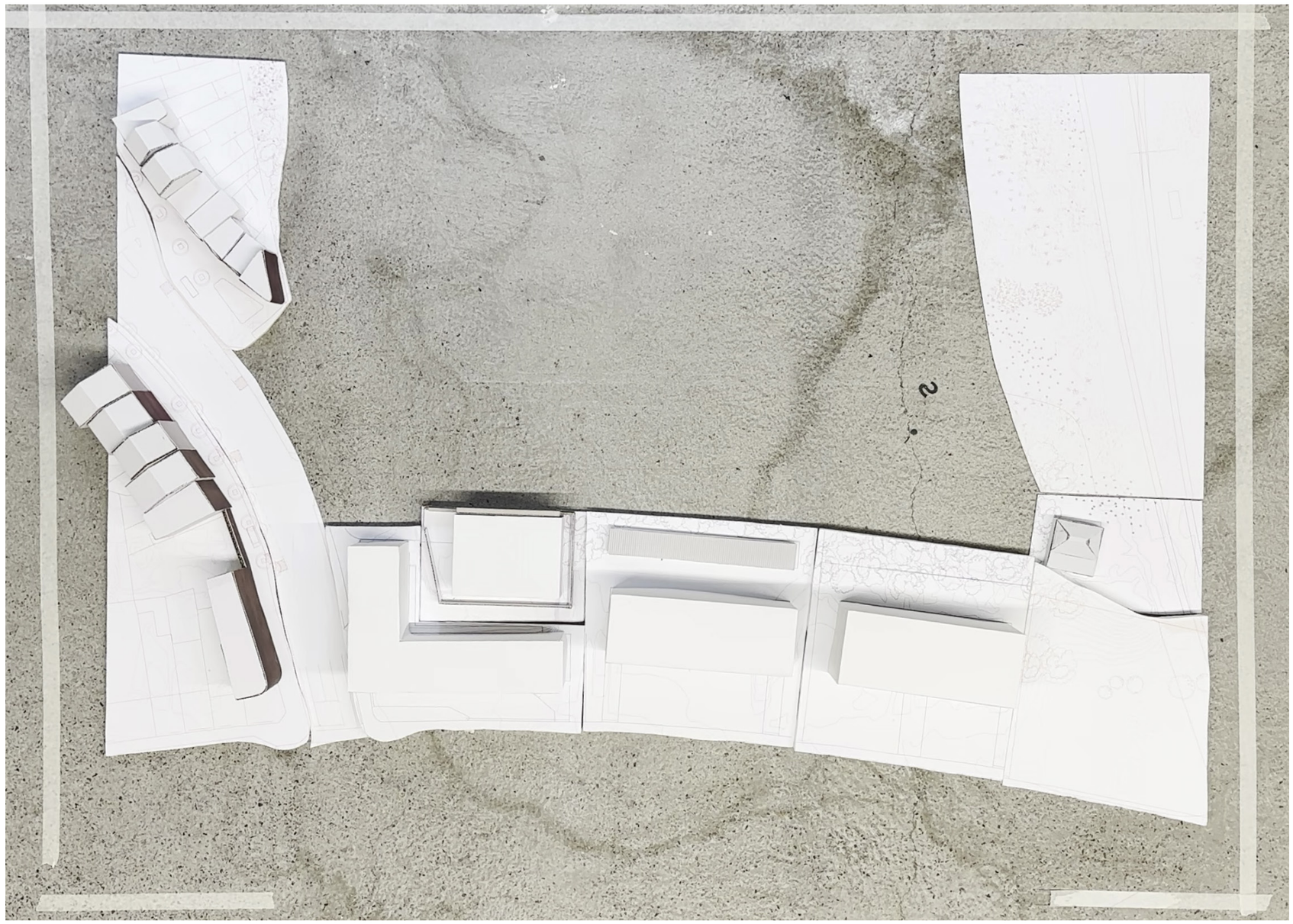


apartment block 3

apartment block 3

looking

looking

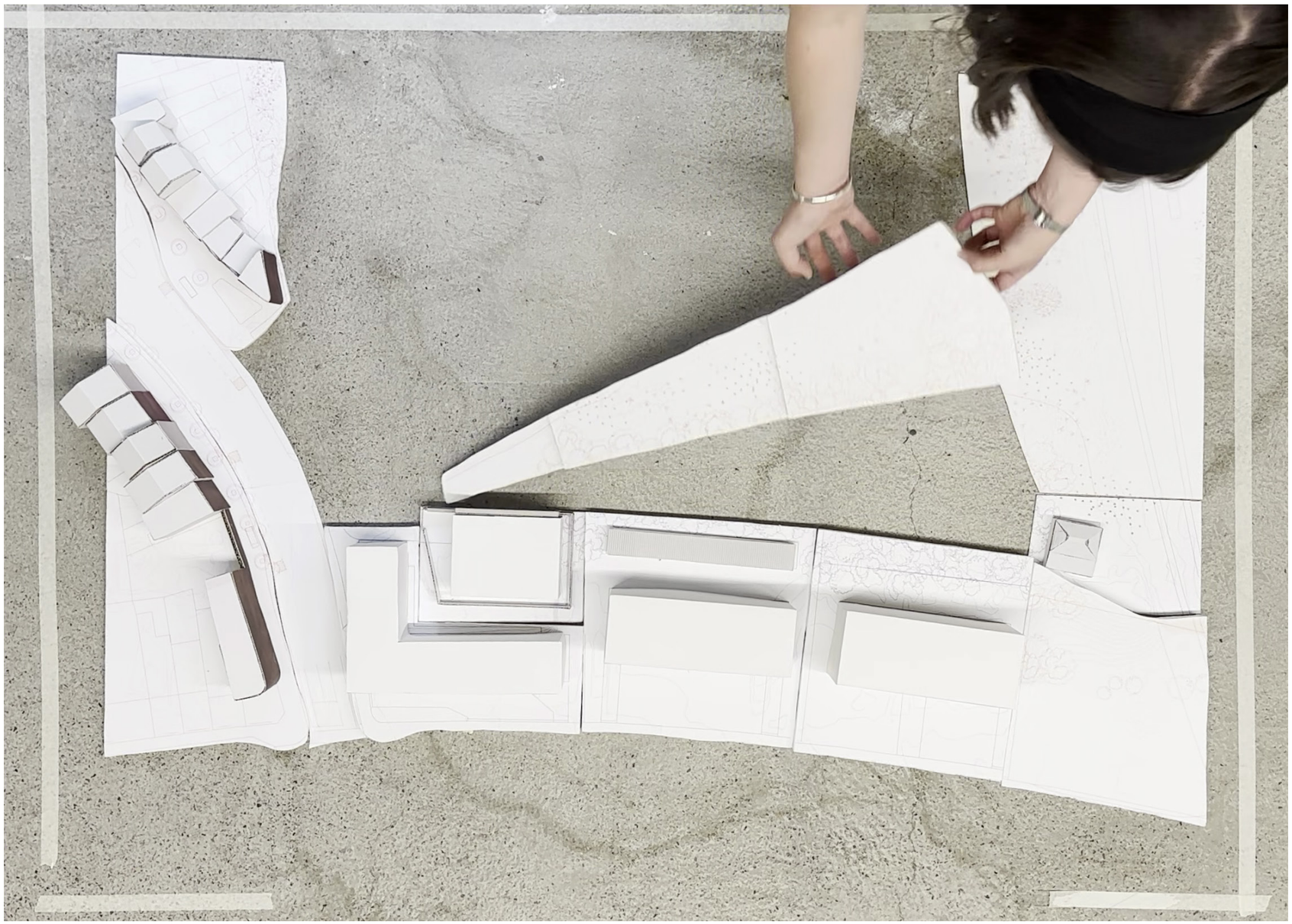


apartment block 3

looking

apartment block 3

looking

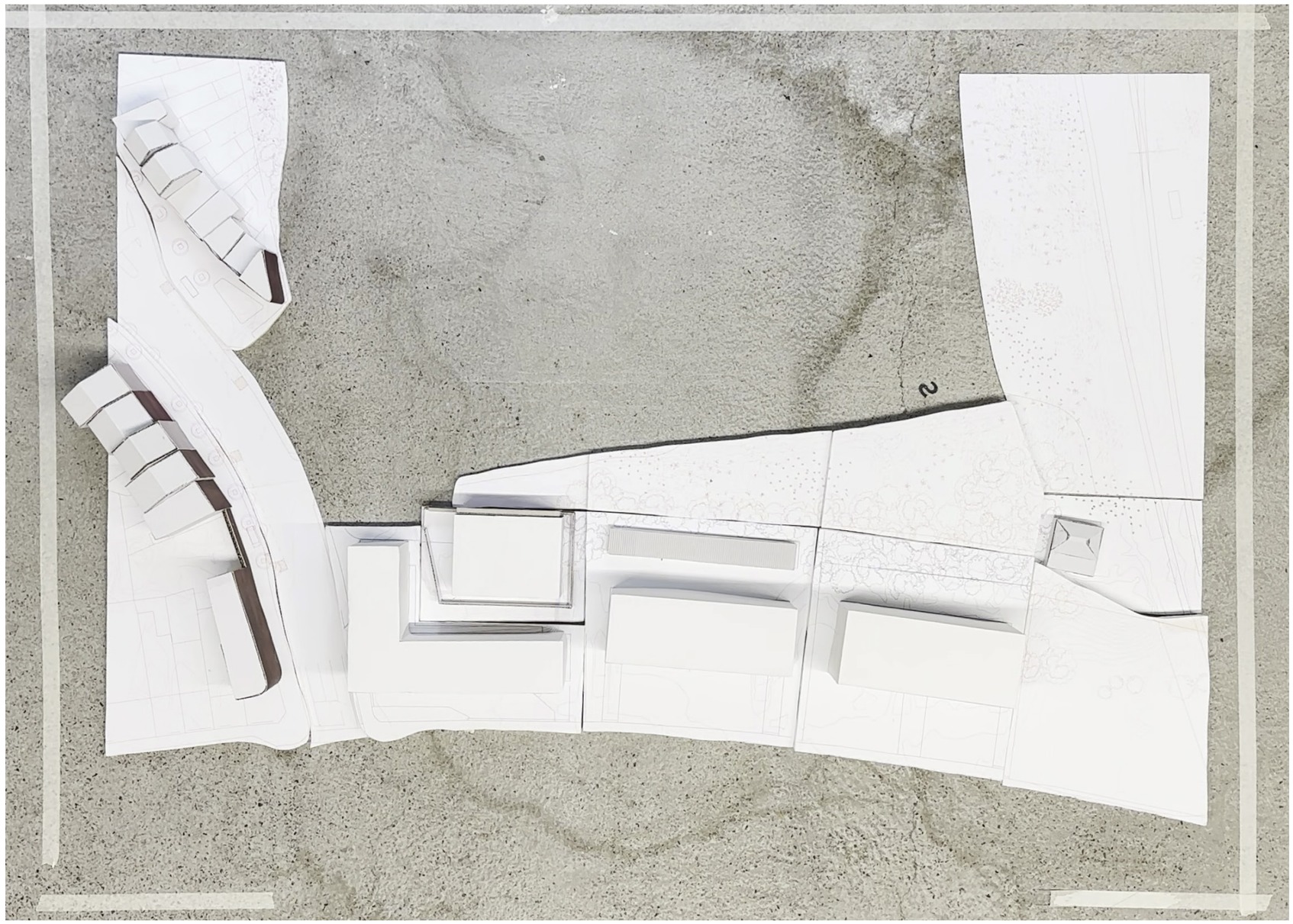


trees and terrain

looking

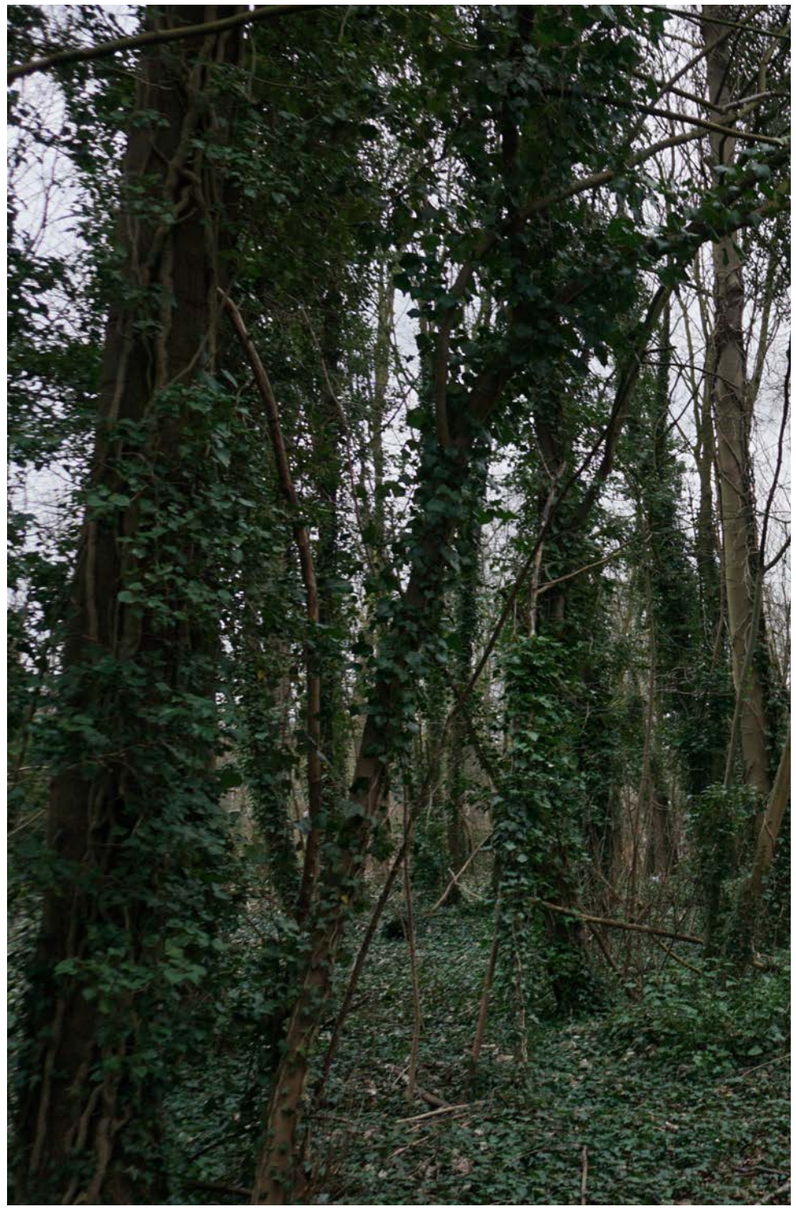
trees and terrain

looking



trees and terrain

looking



trees and terrain

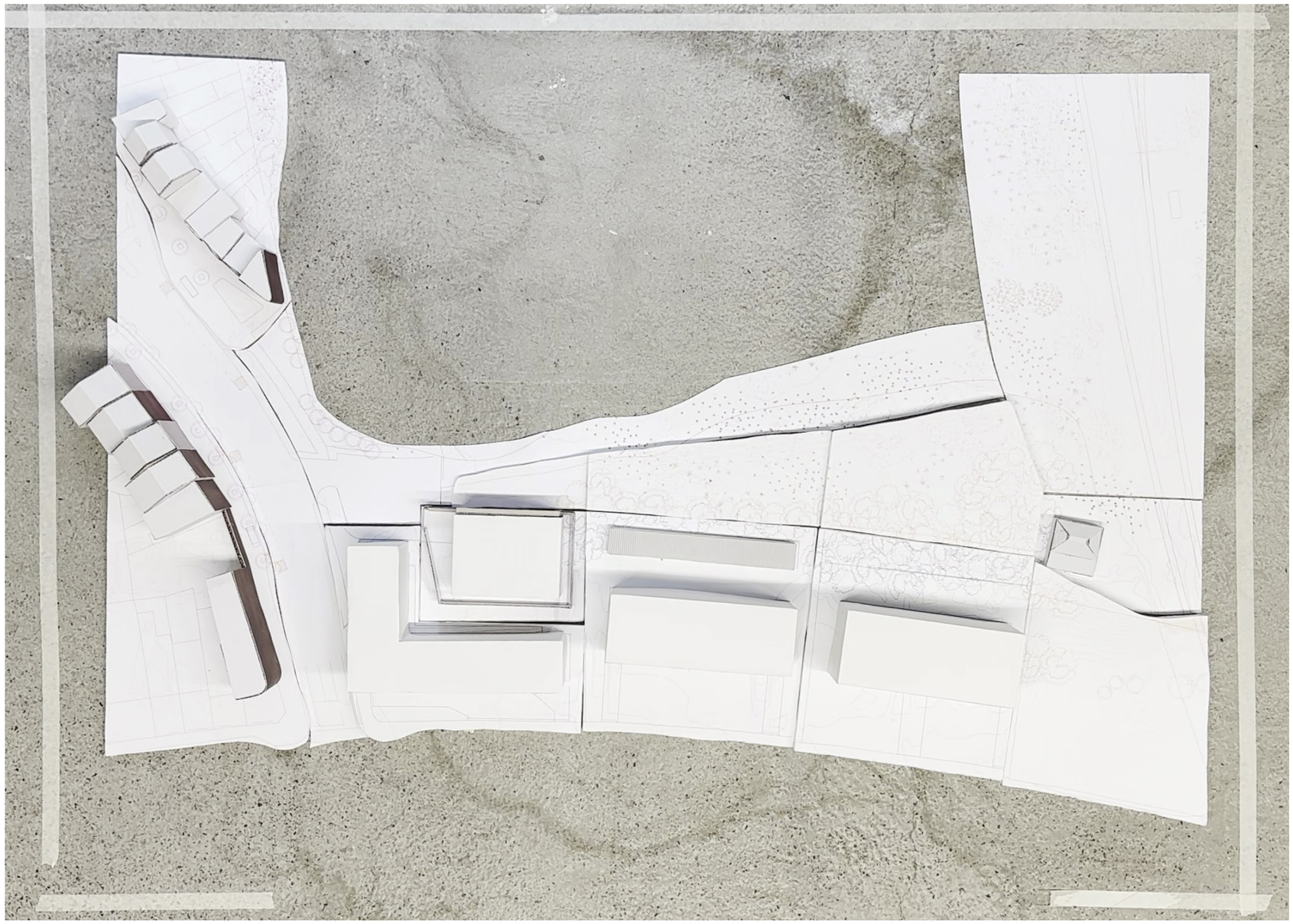
looking

route

looking

route

looking



route

looking

route

looking

route

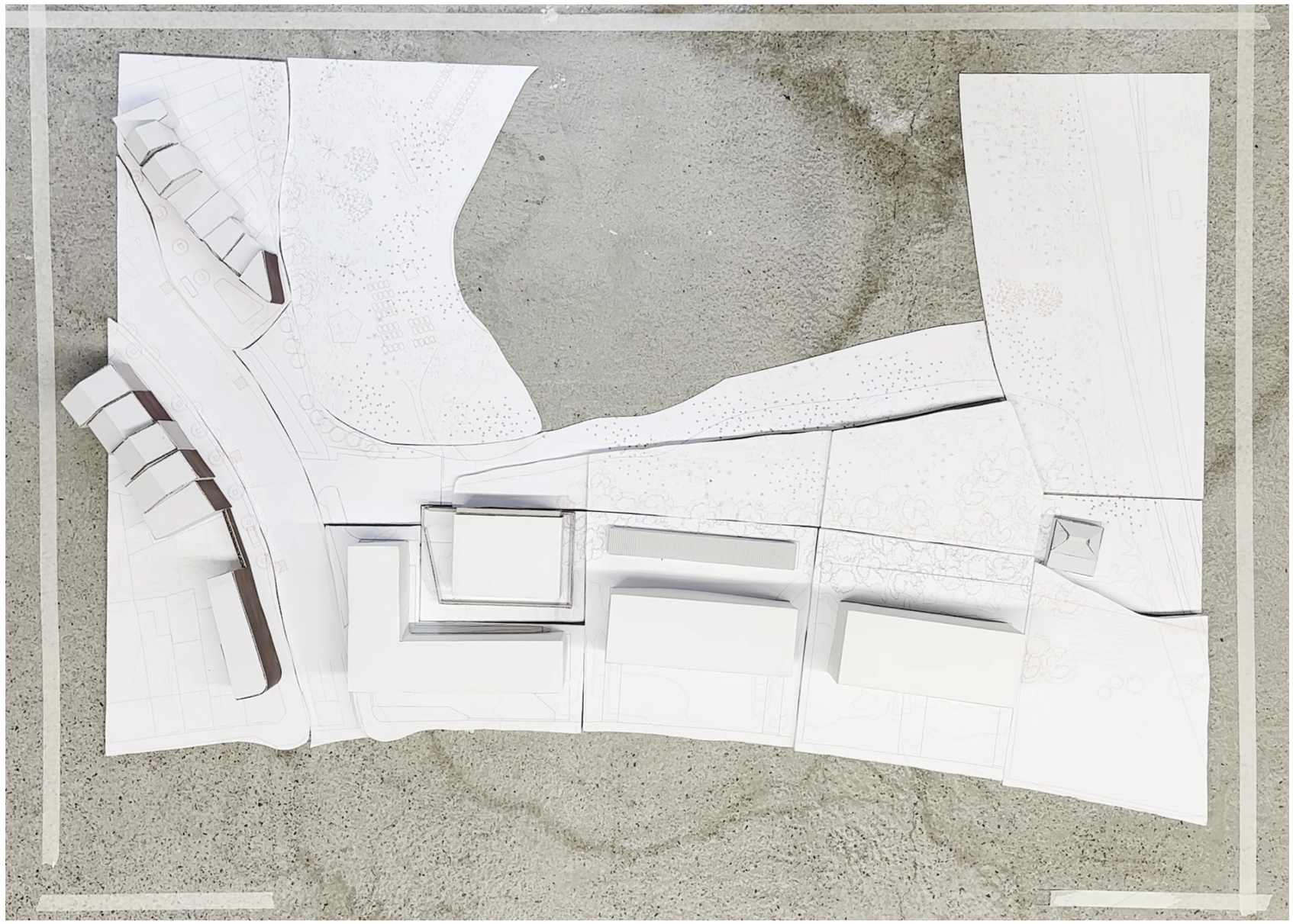
looking

route

community garden

looking

looking

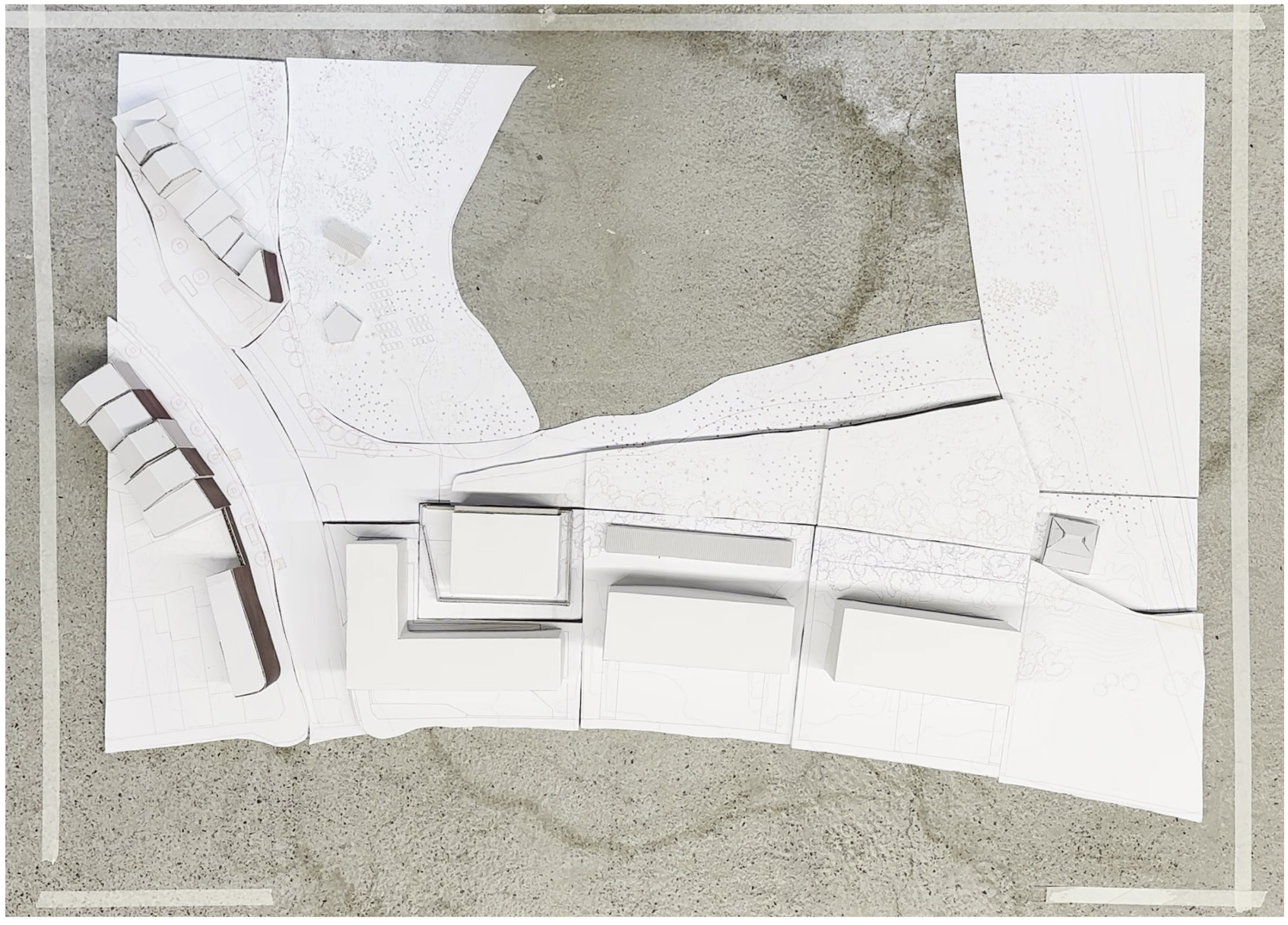


community garden

looking

community garden

looking



community garden

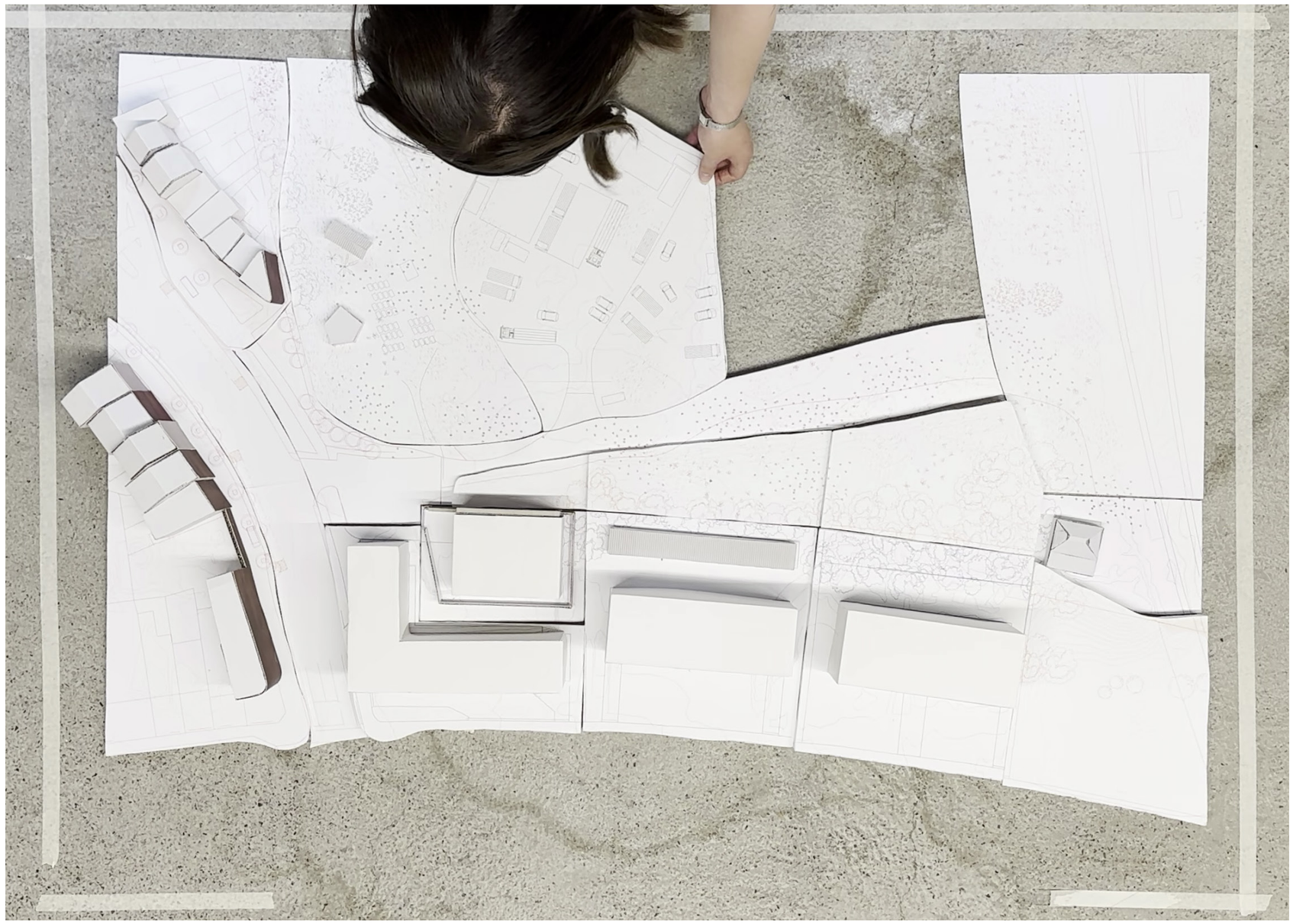
looking

community garden

looking

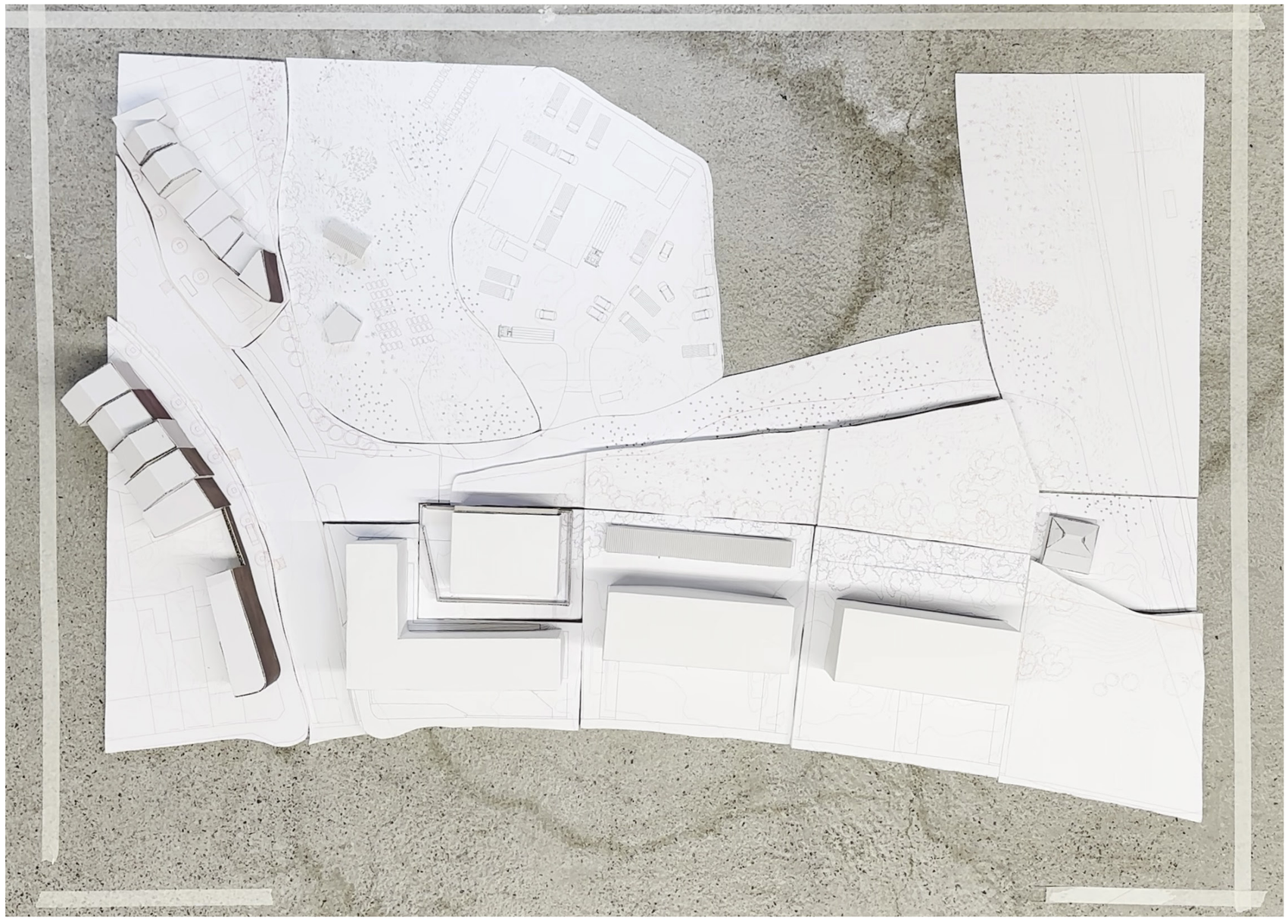
theatre

looking



theatre

looking



theatre

looking

theatre

looking

theatre

looking

theatre

looking

the green

looking

the green

looking

the green

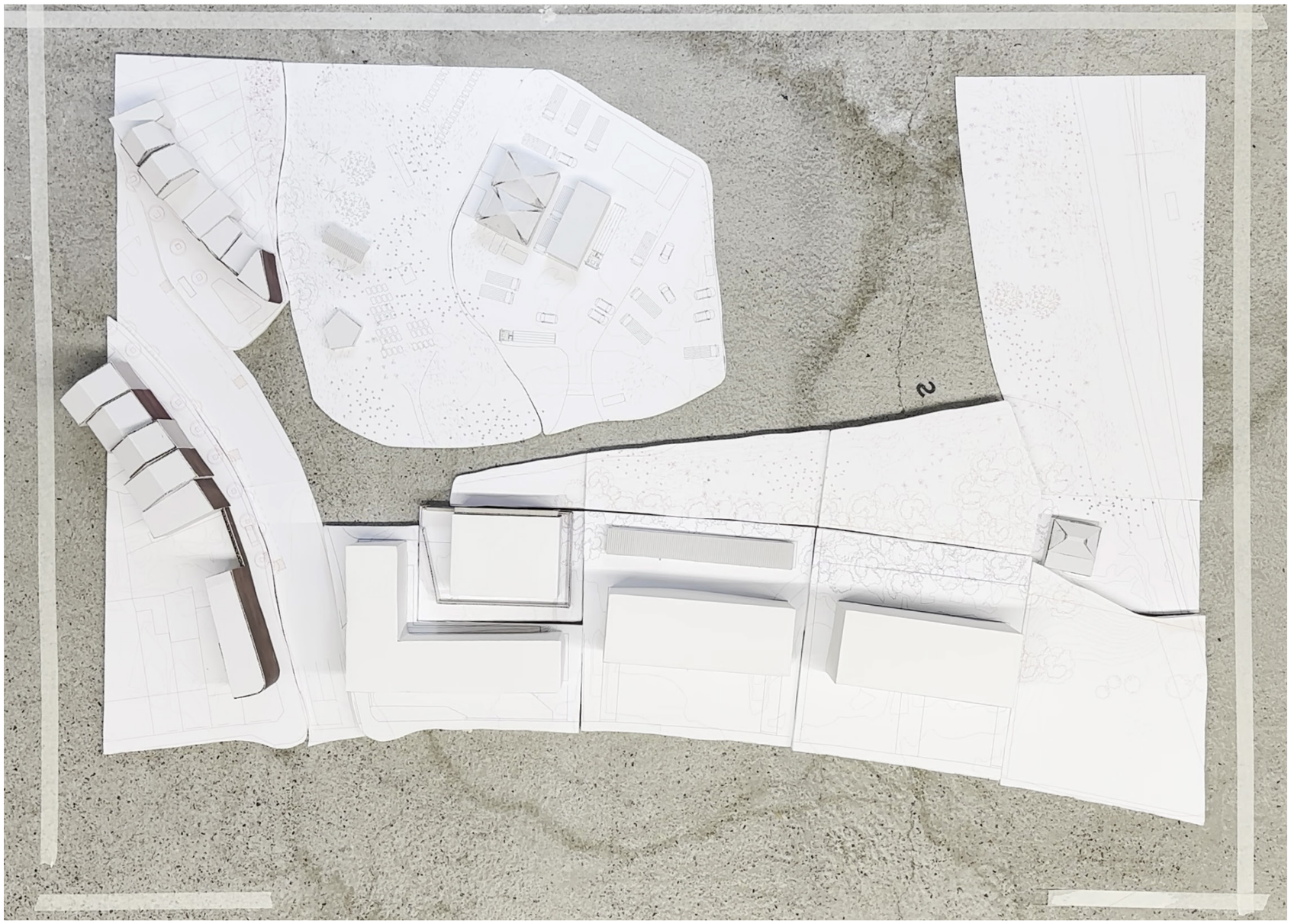
looking

the green

personal project

way of reacting

2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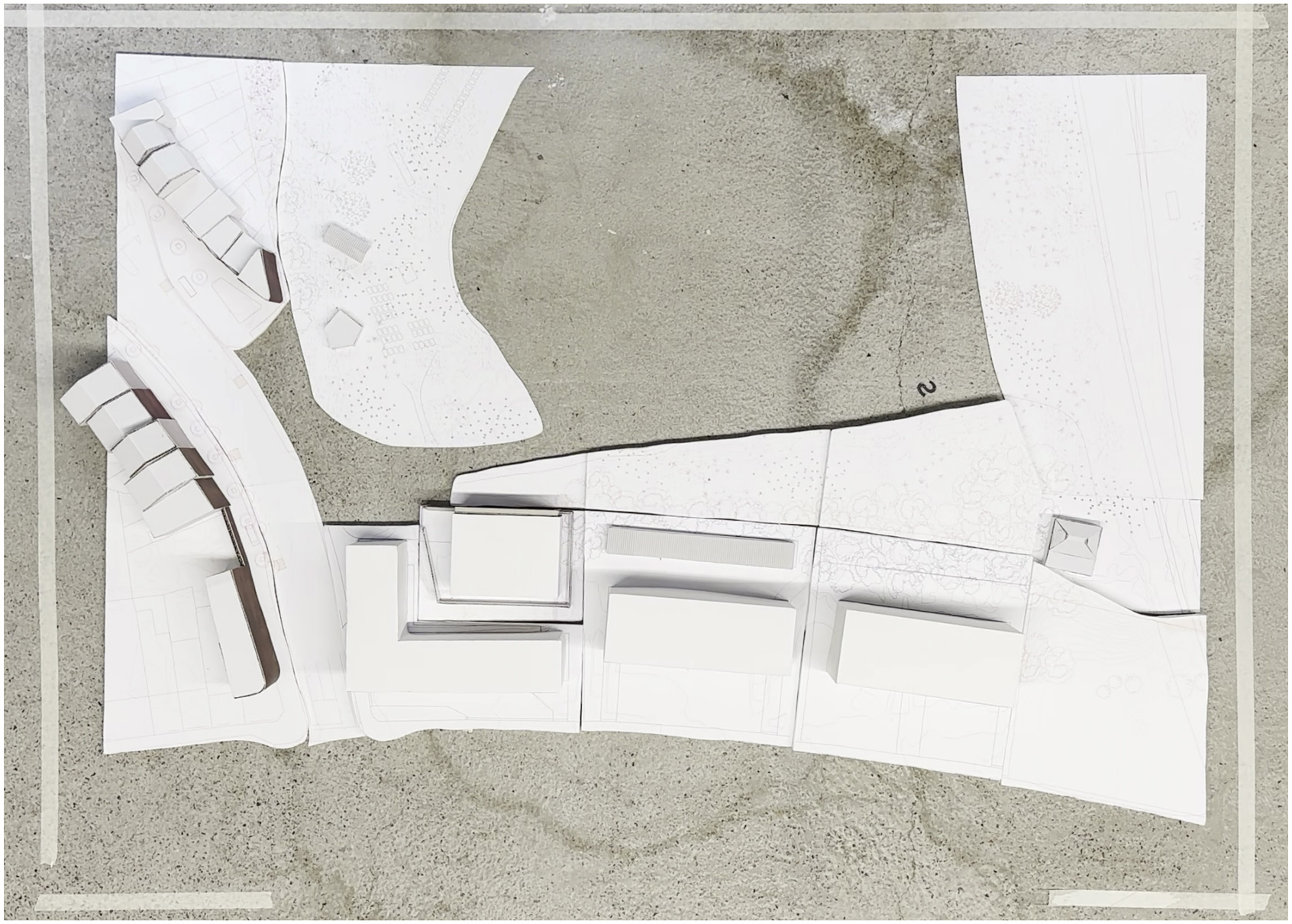
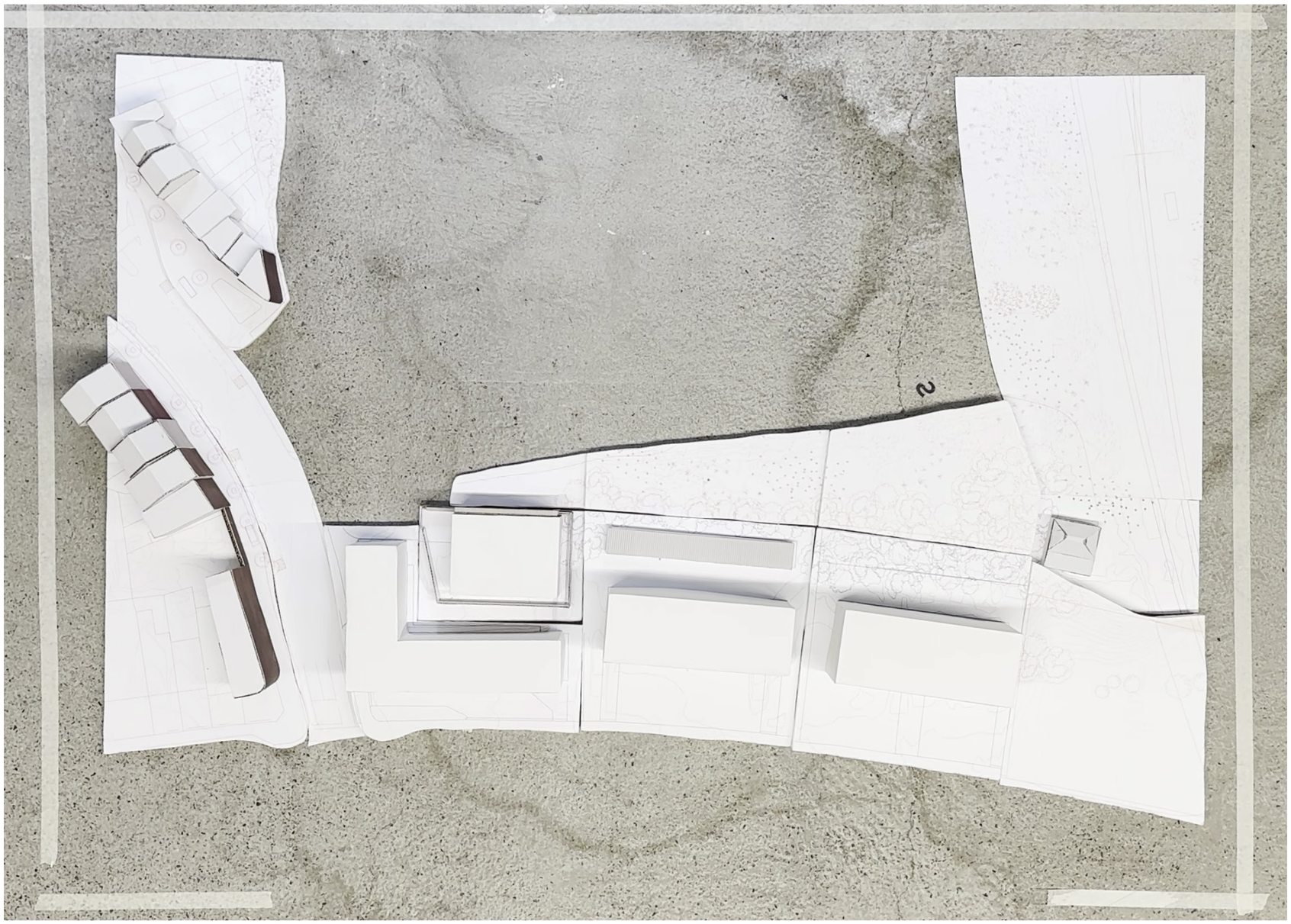
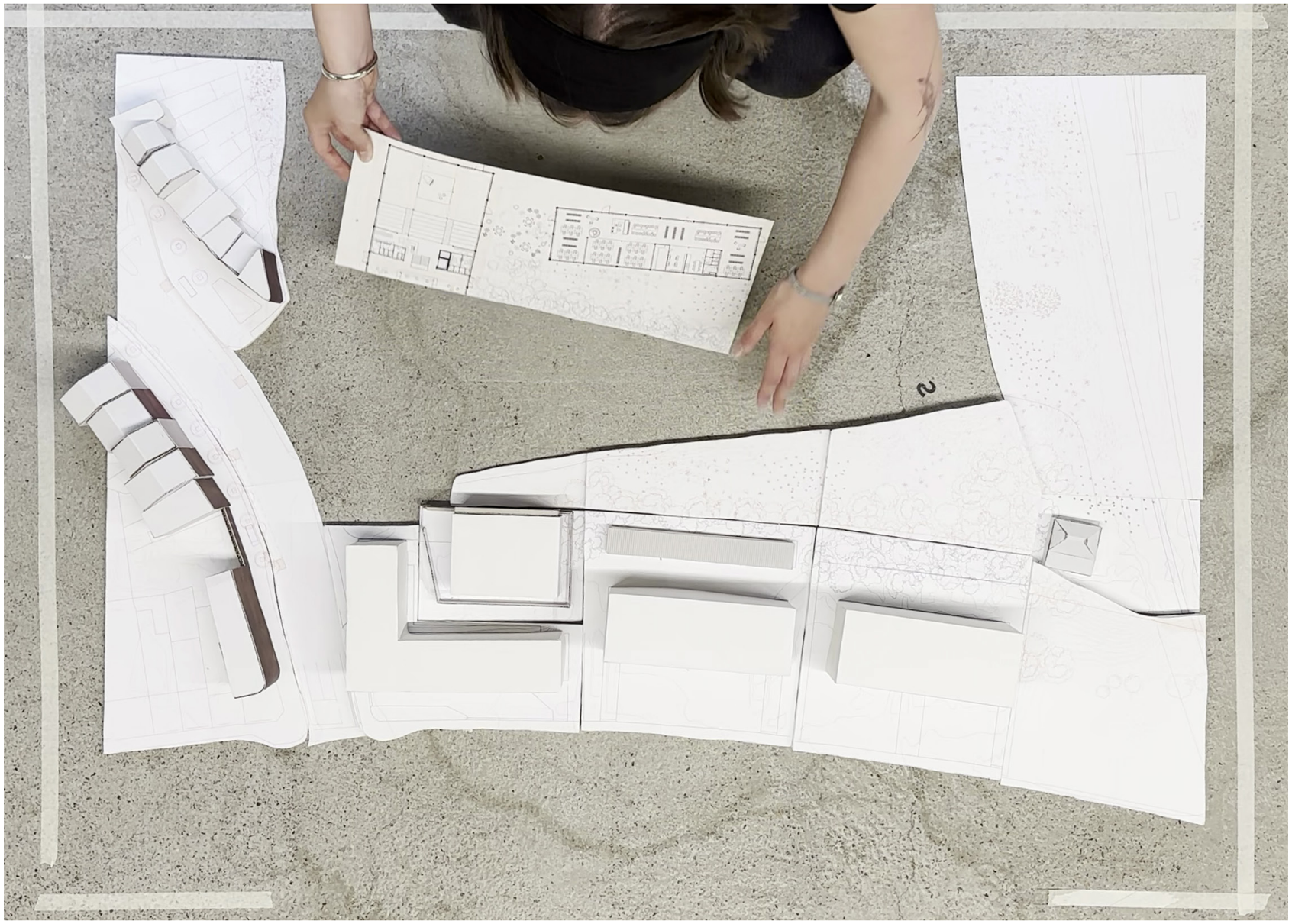


reacting





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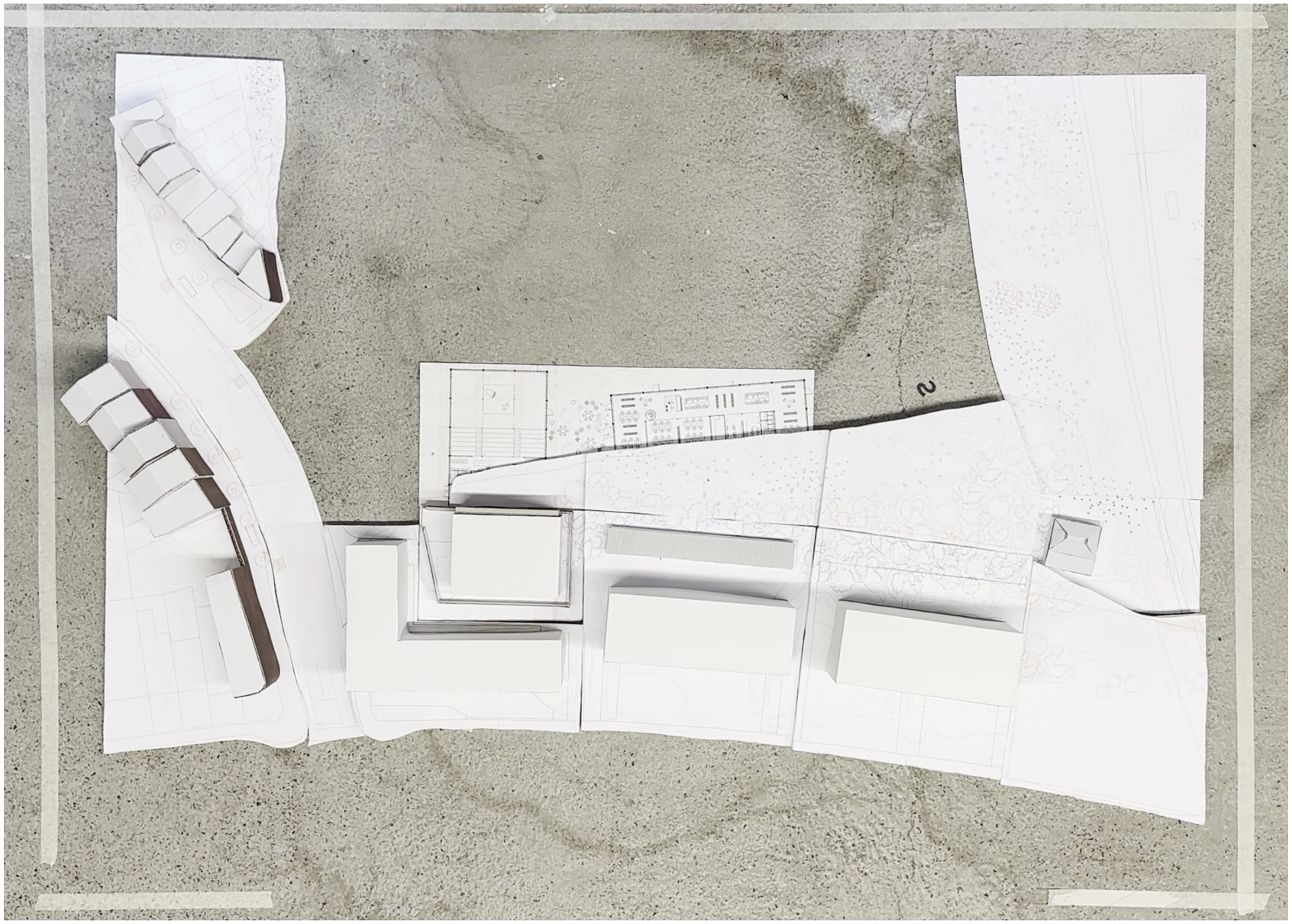

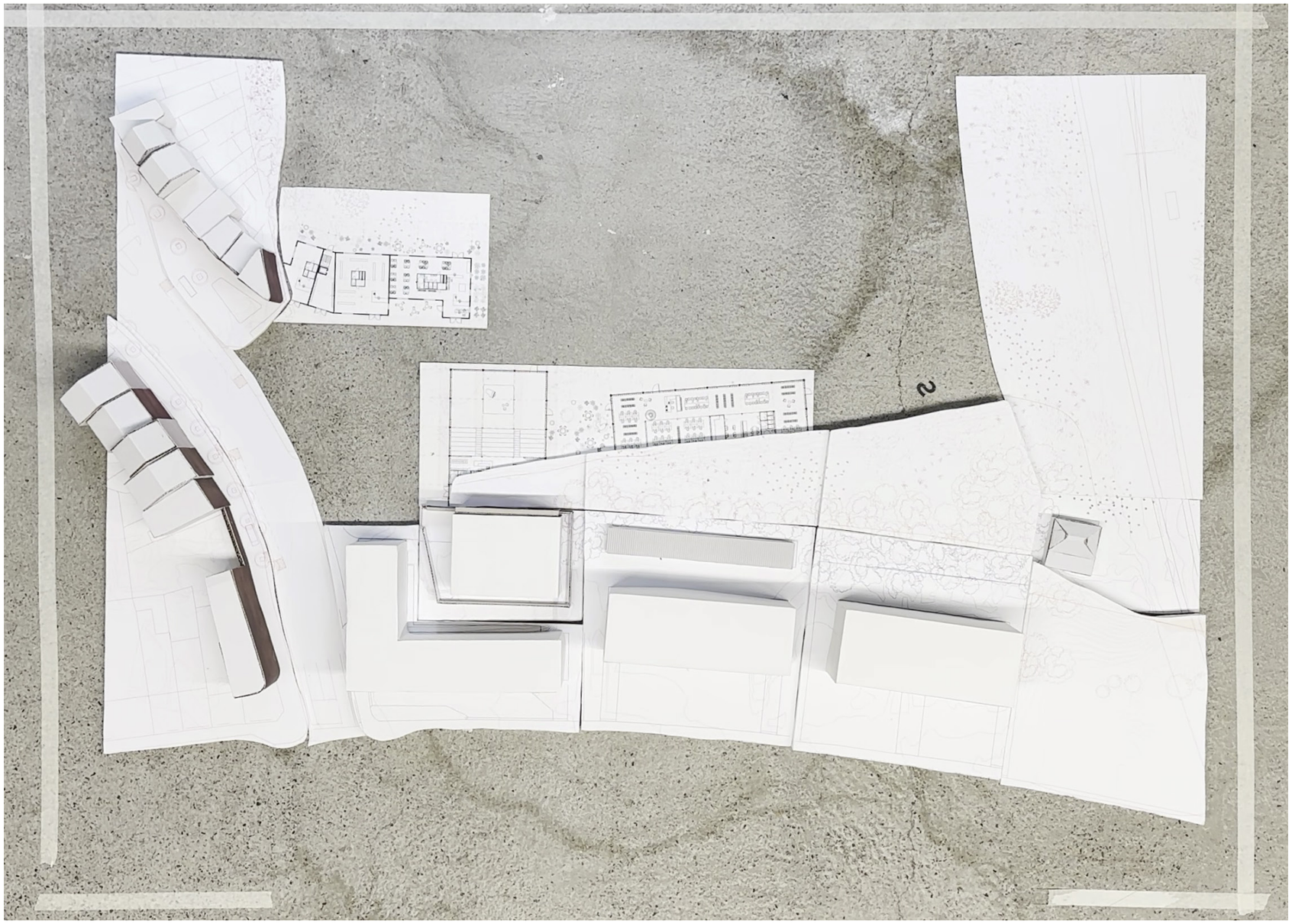

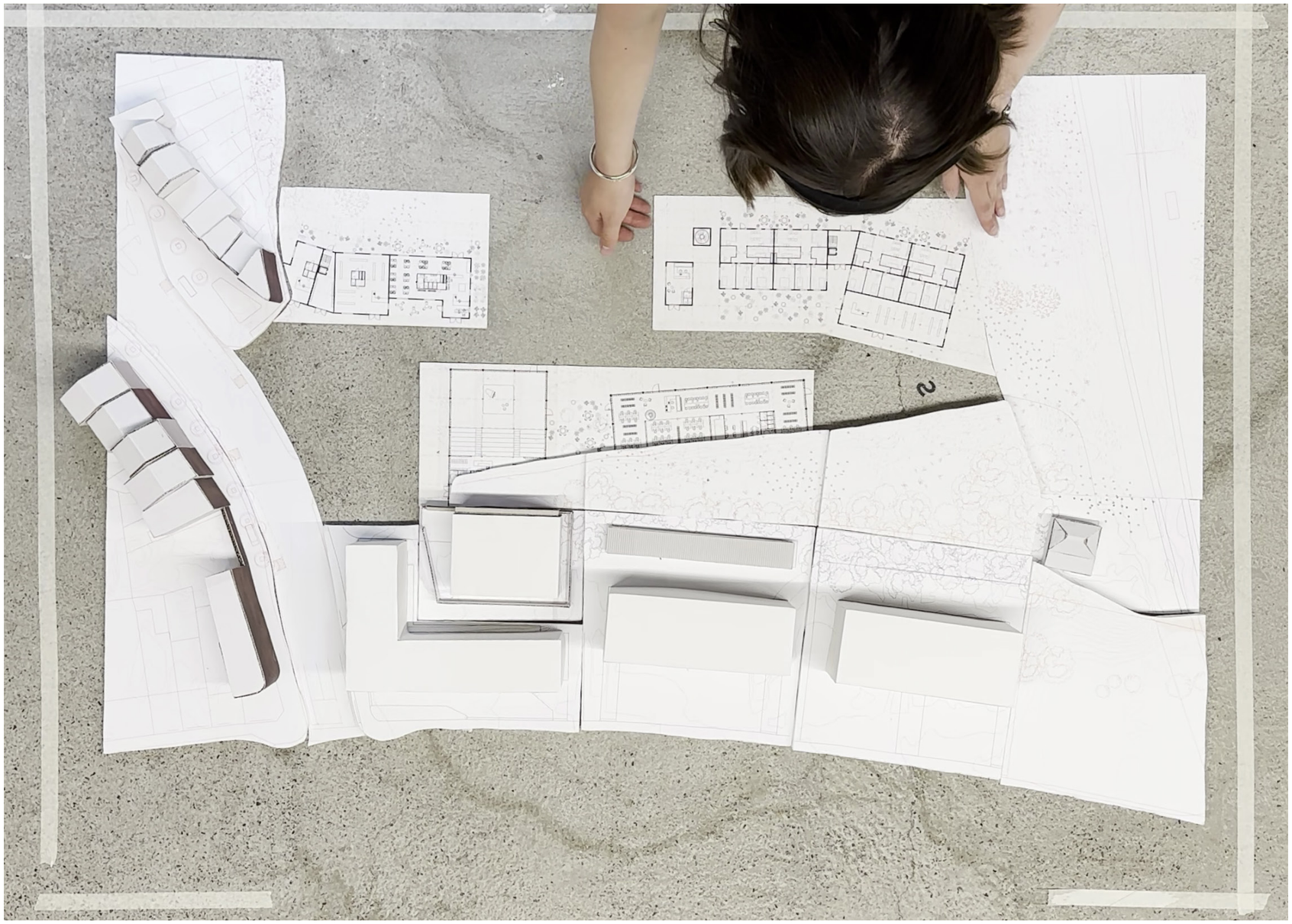
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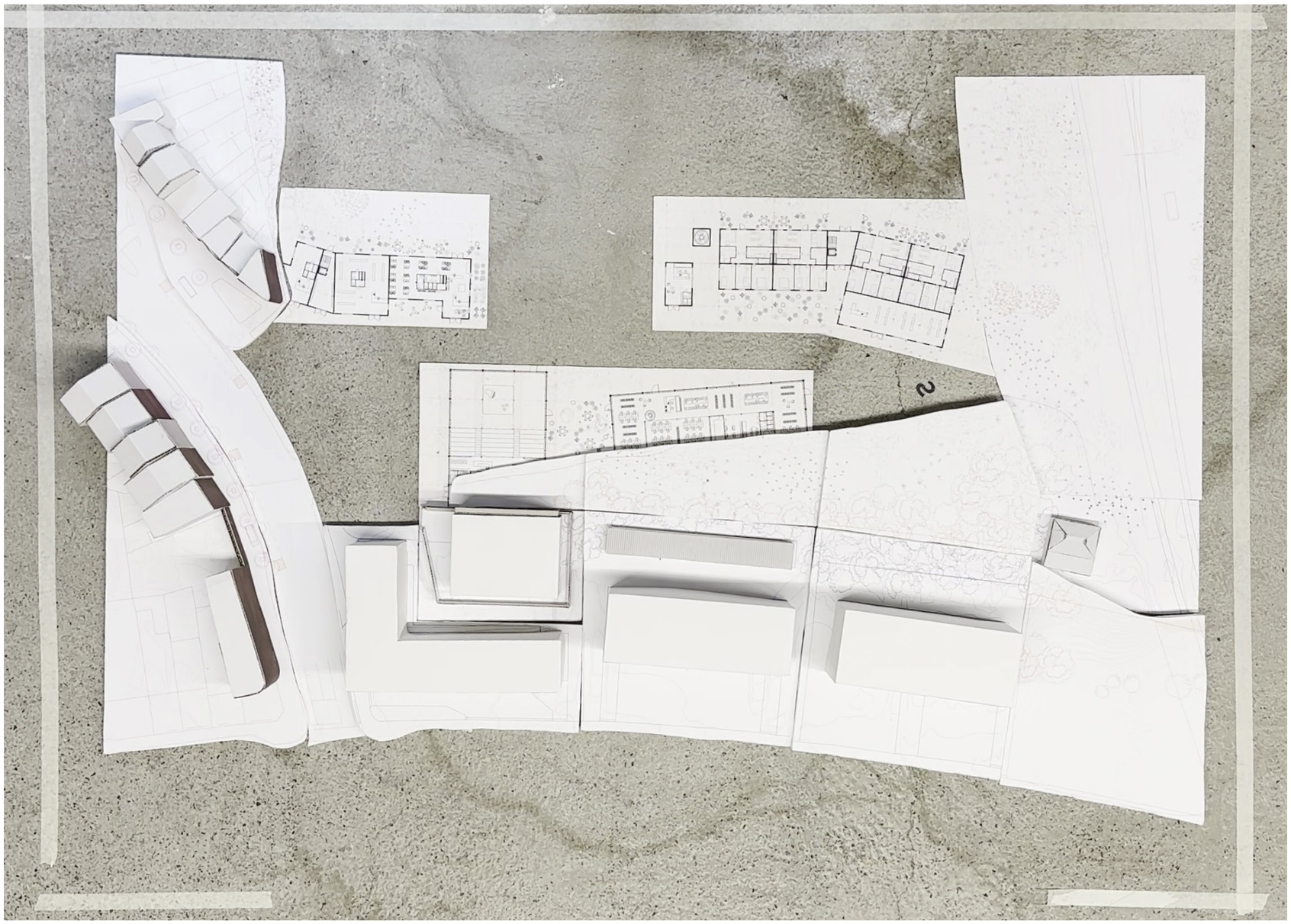

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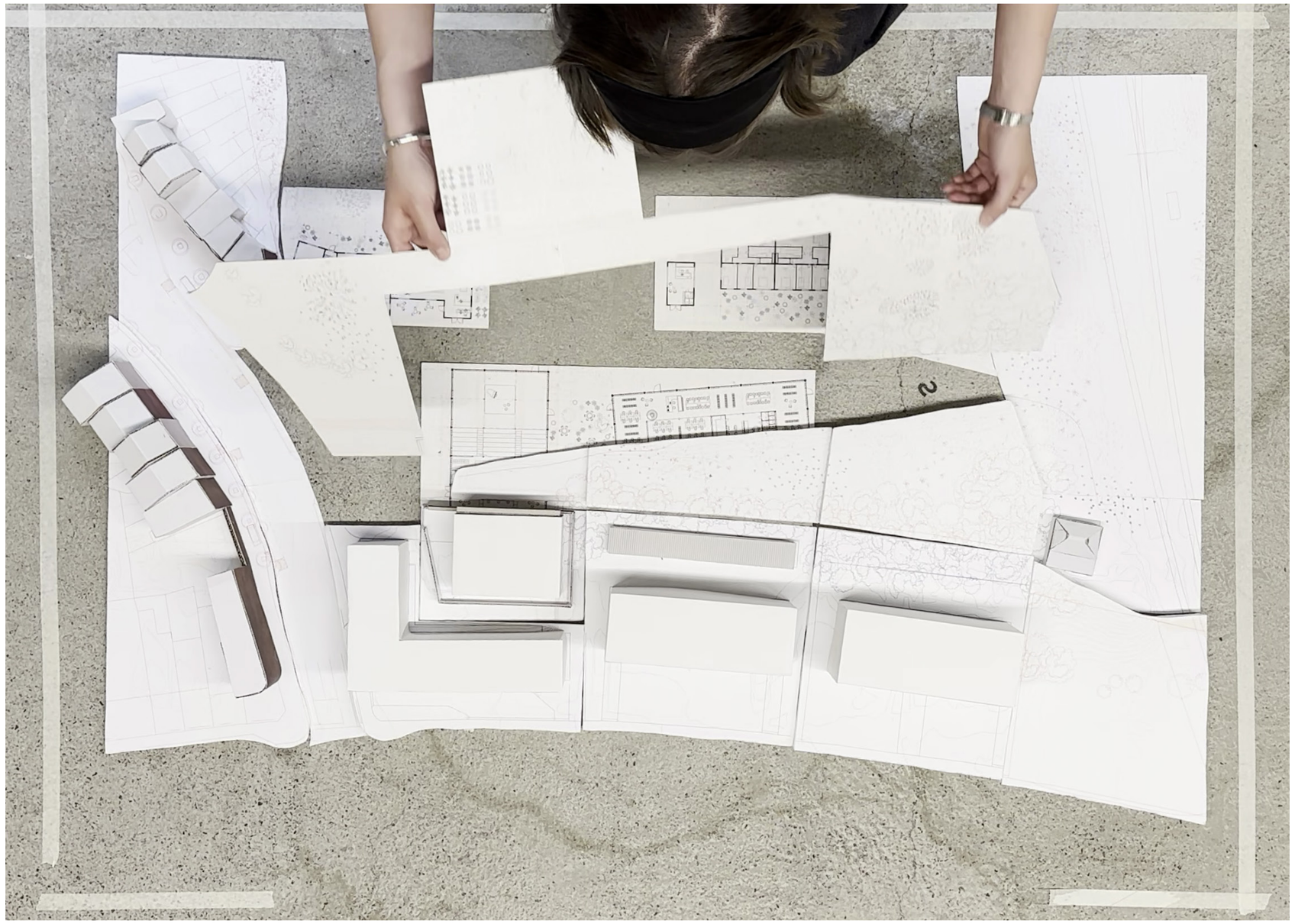
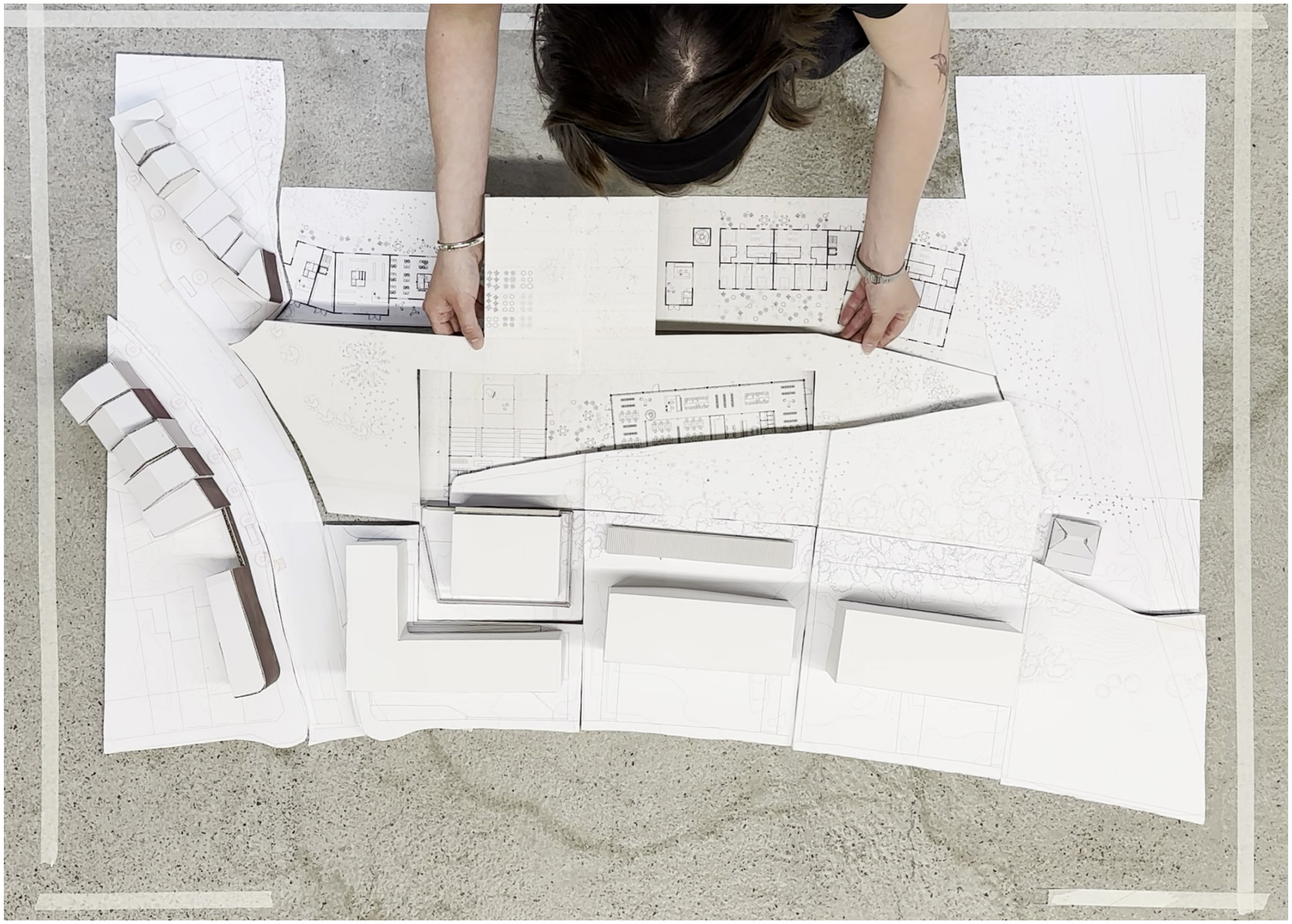
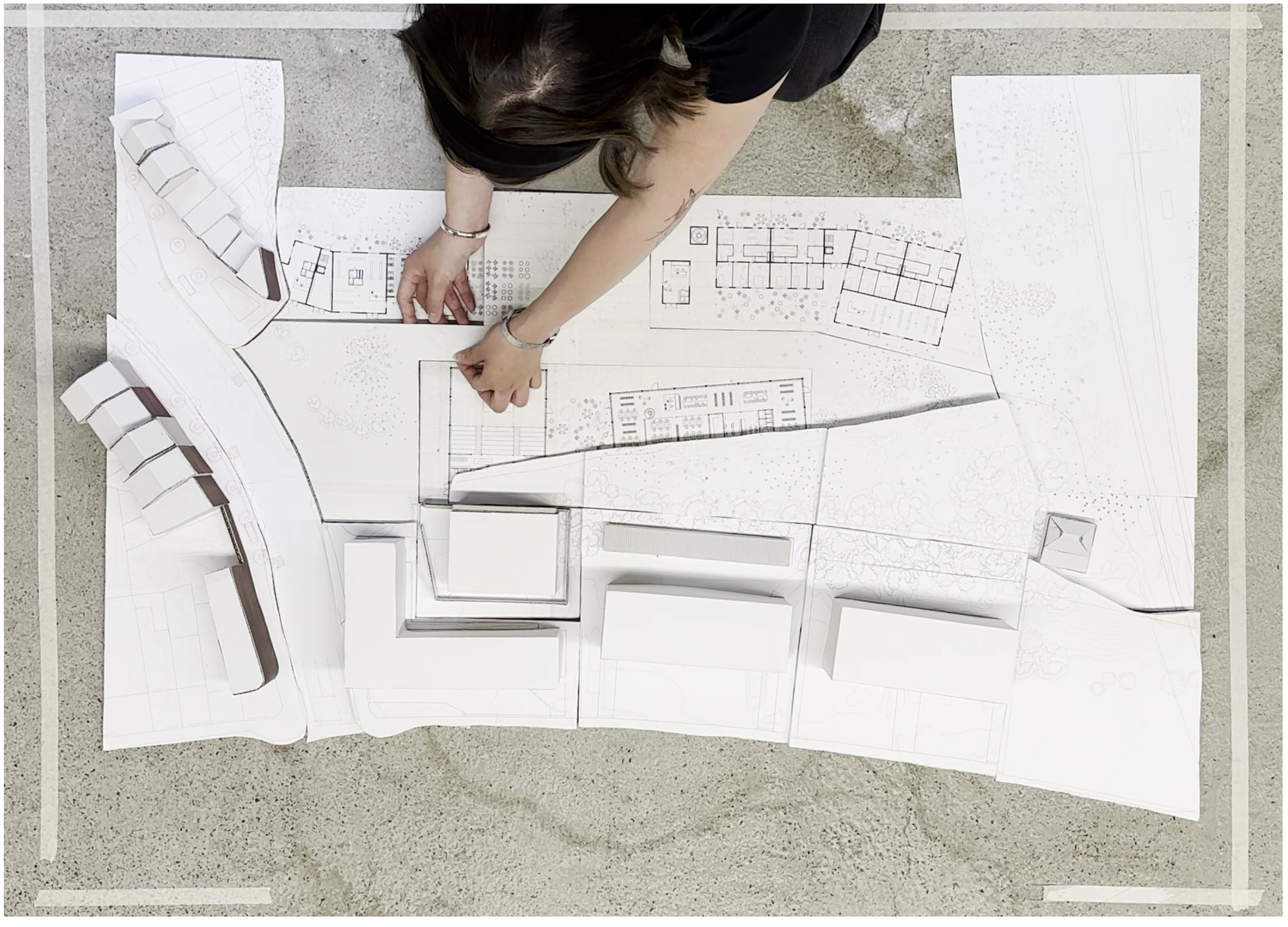
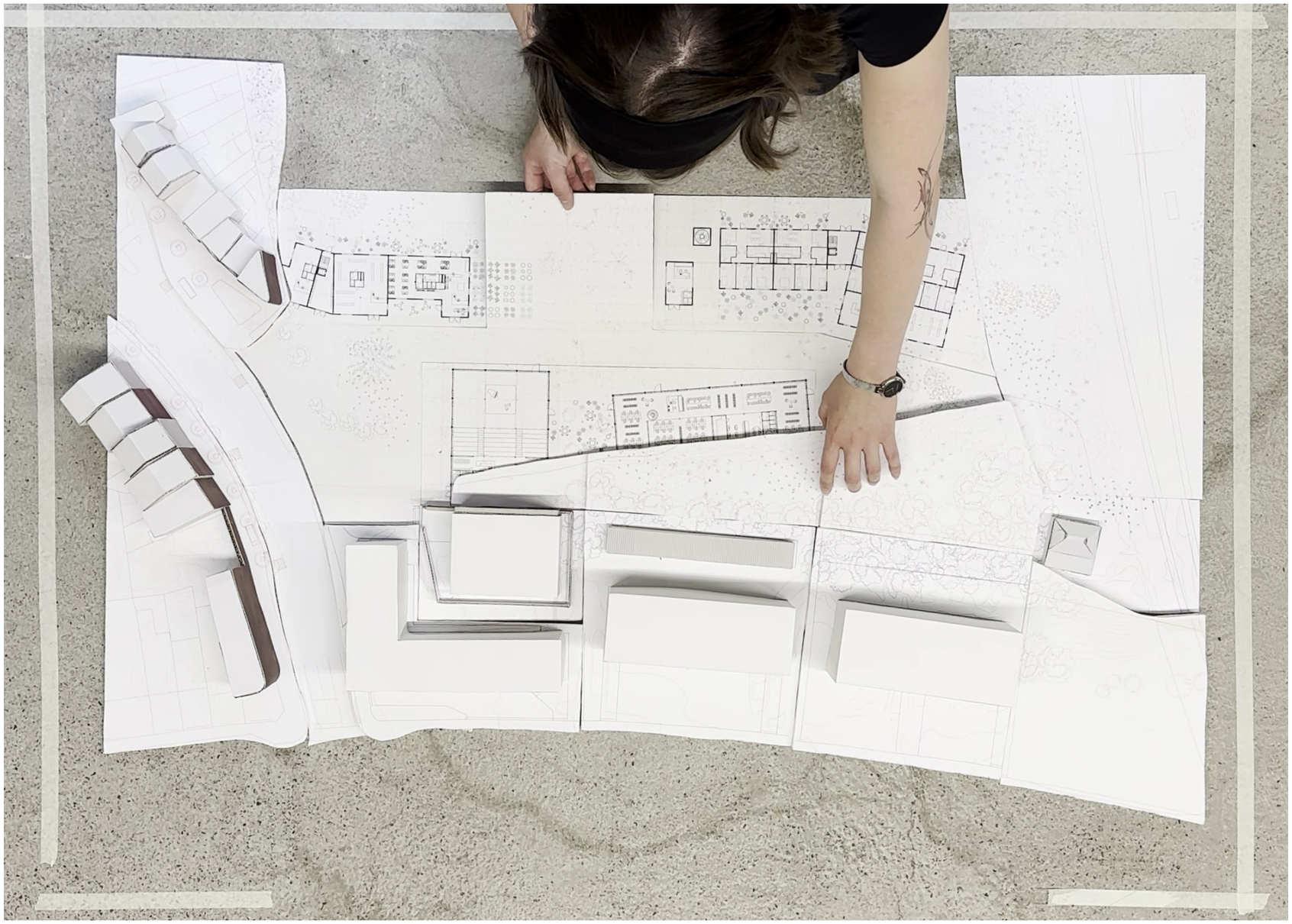
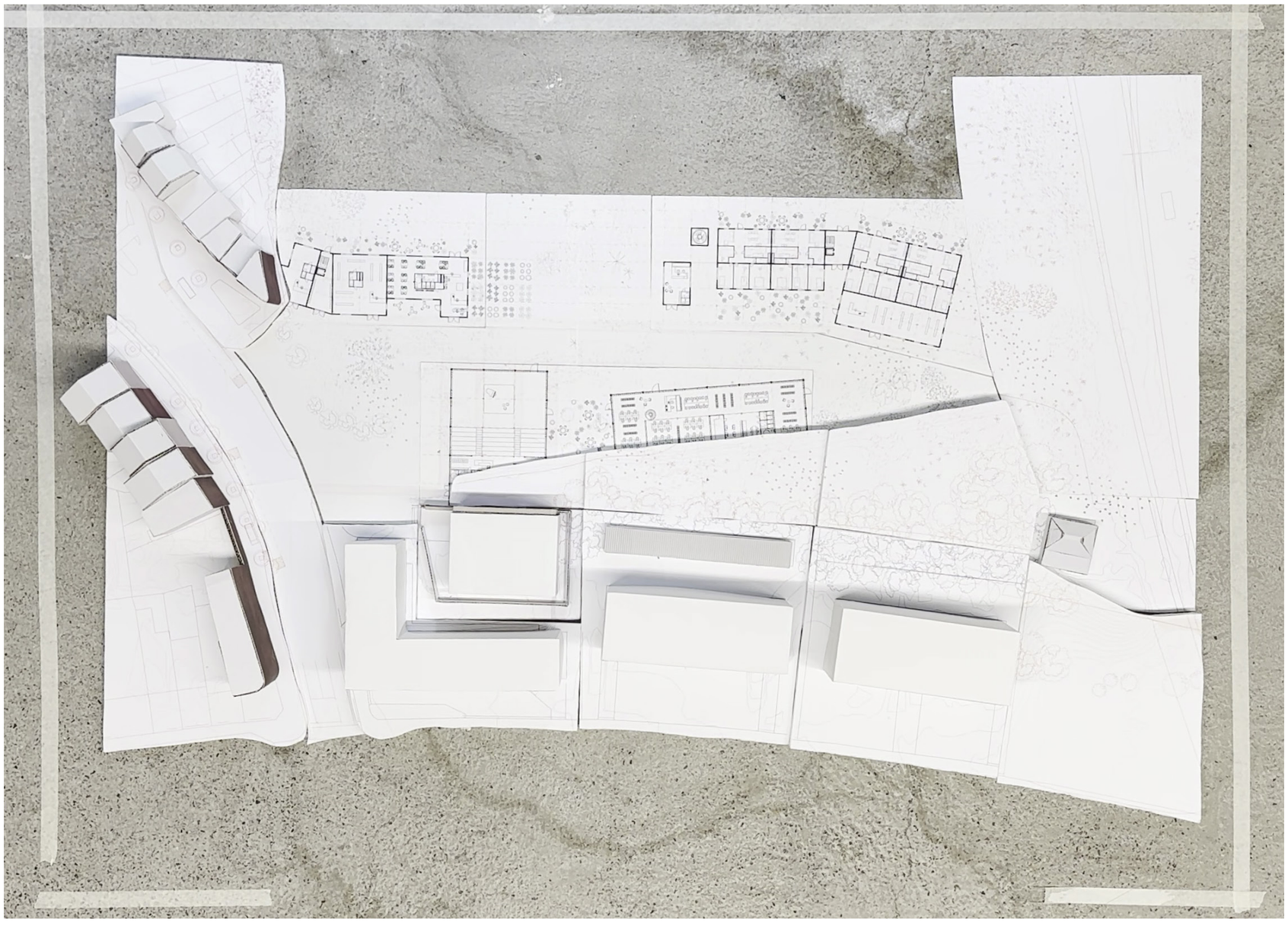


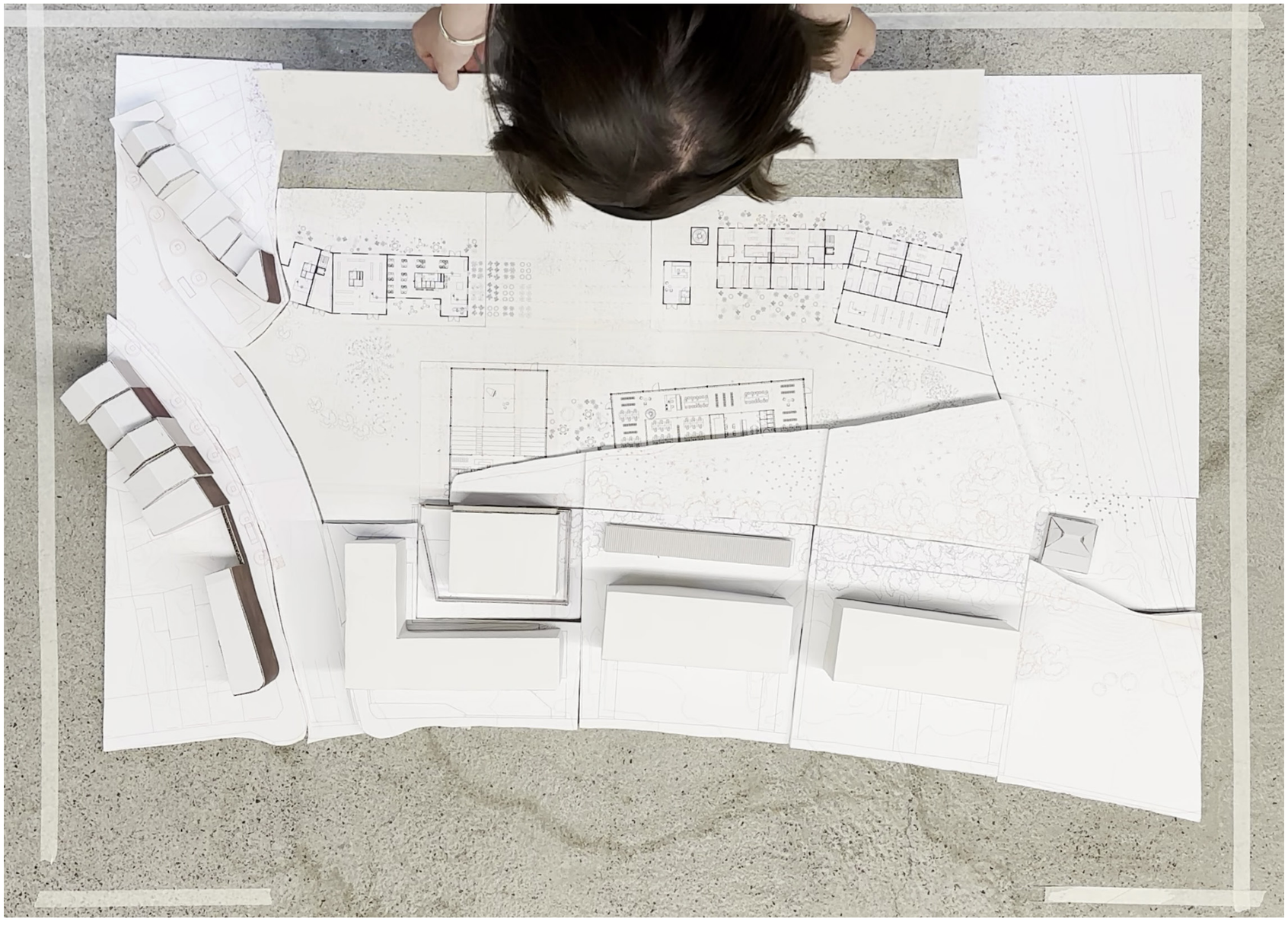


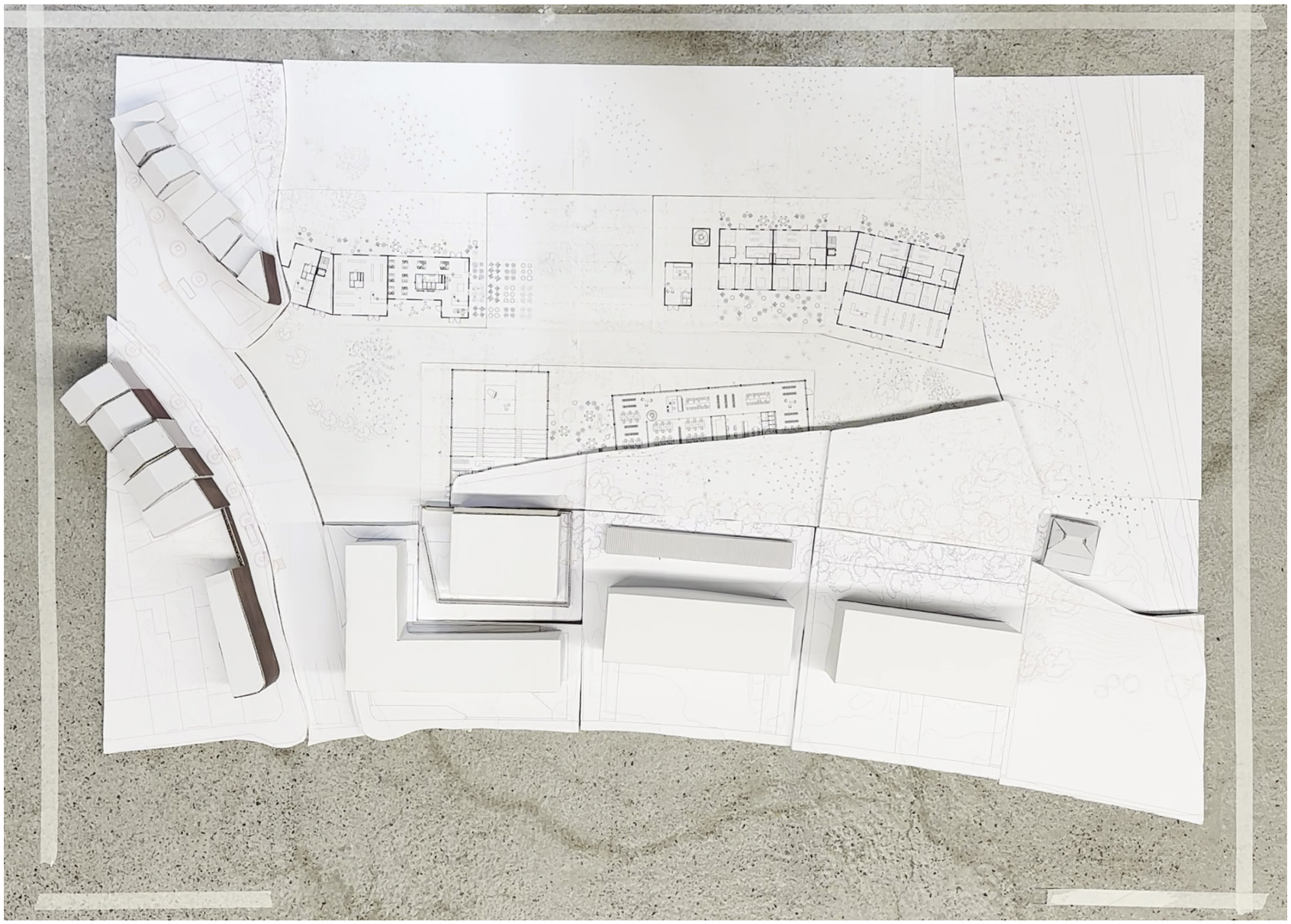


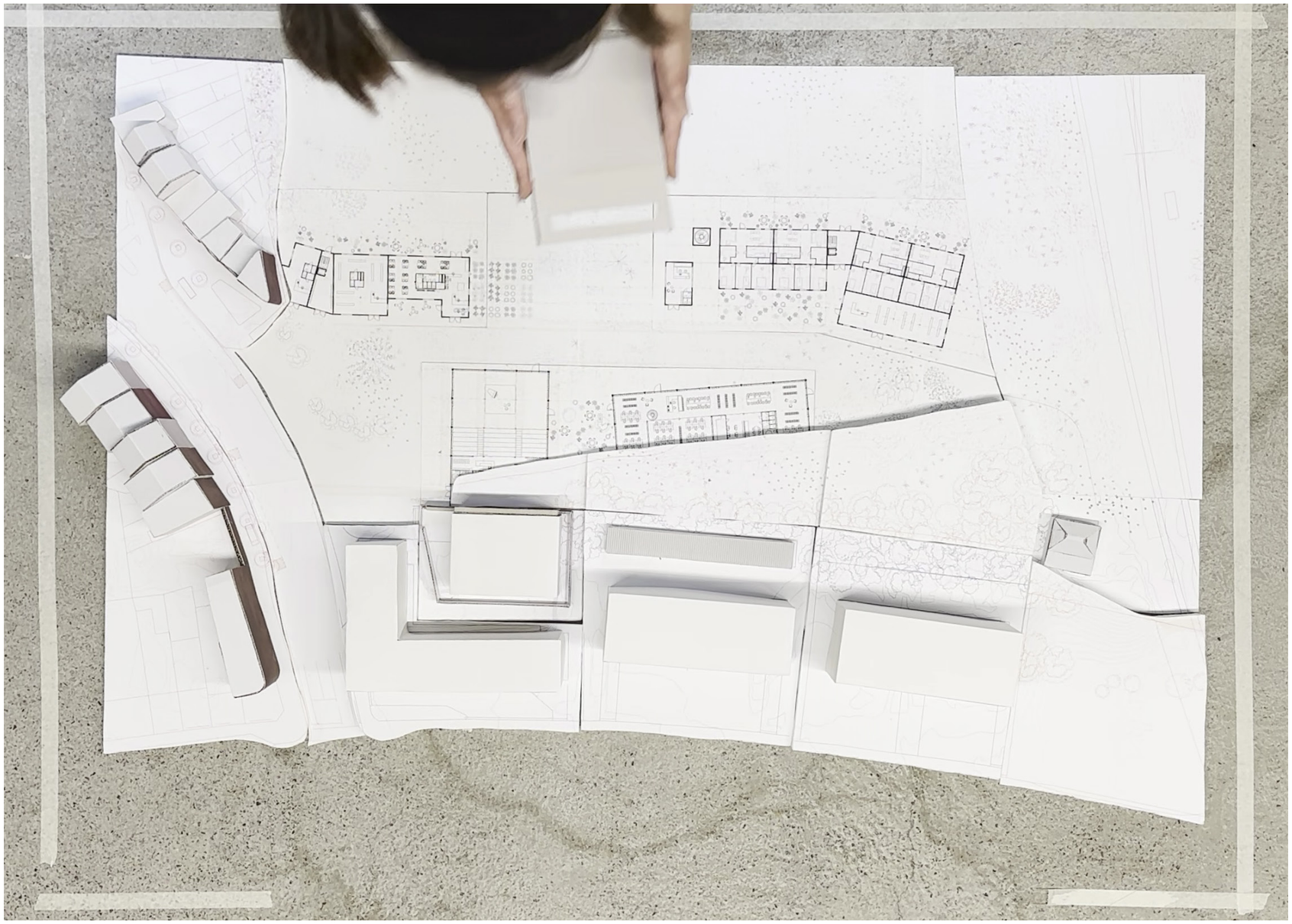
reacting



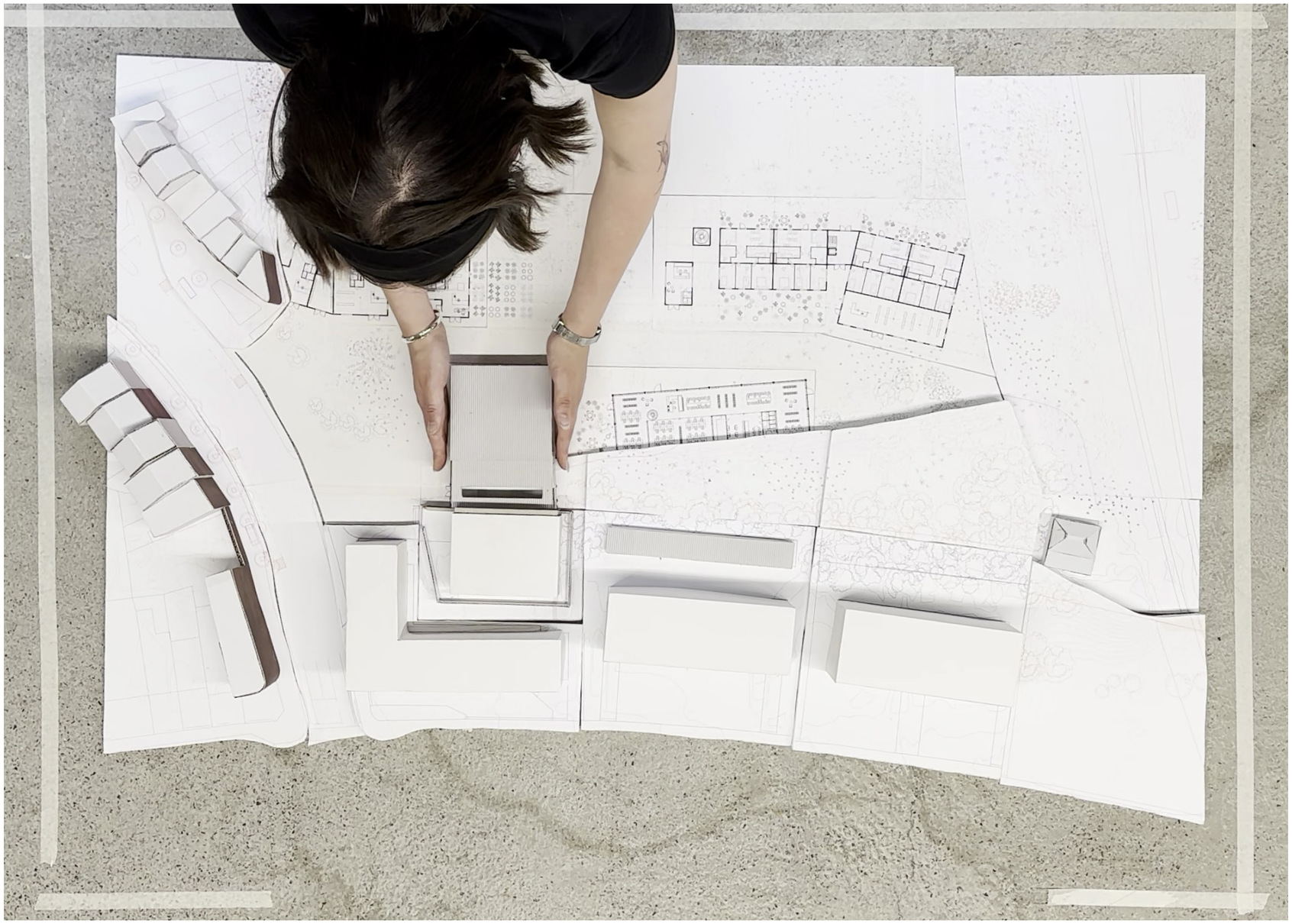


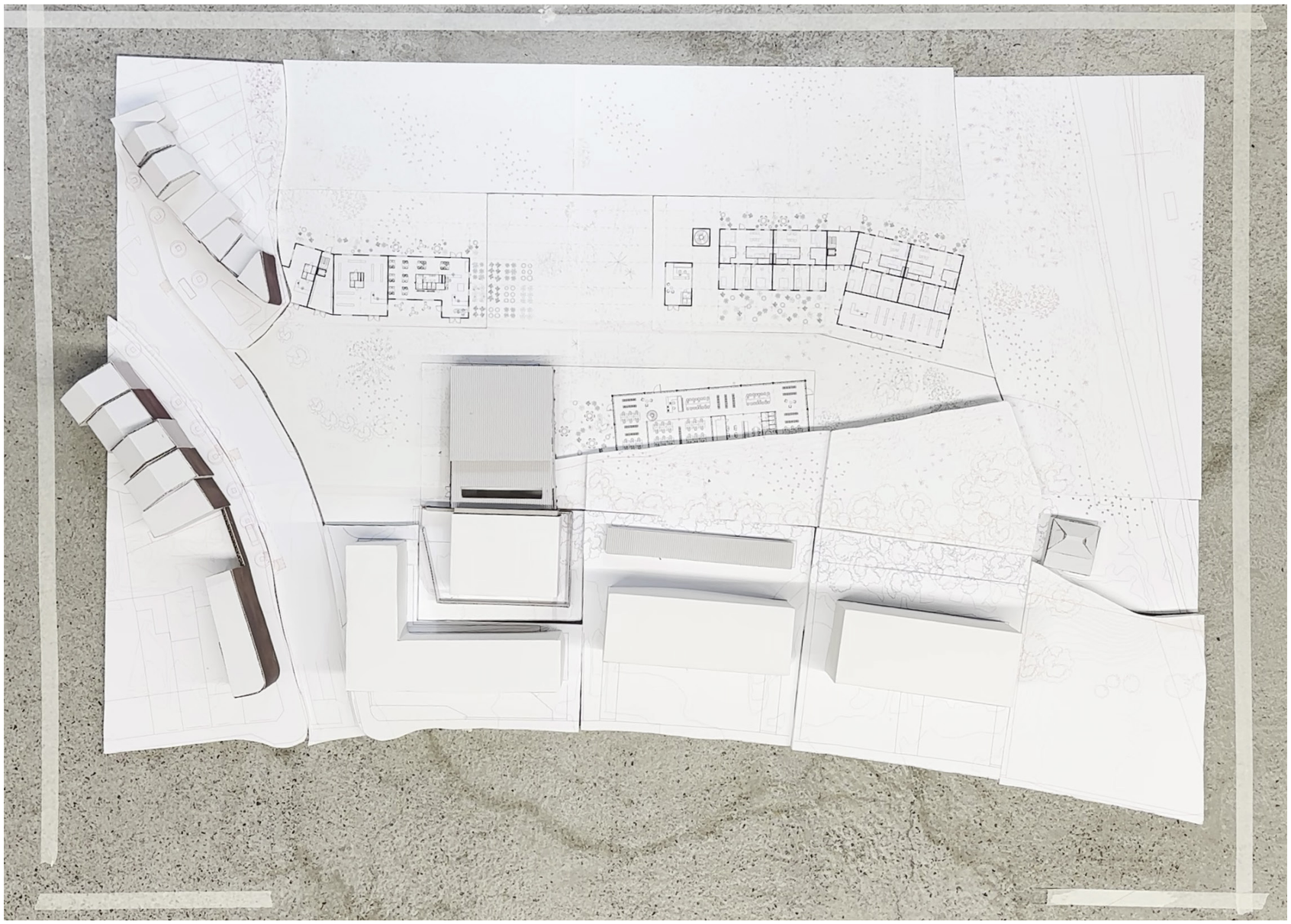


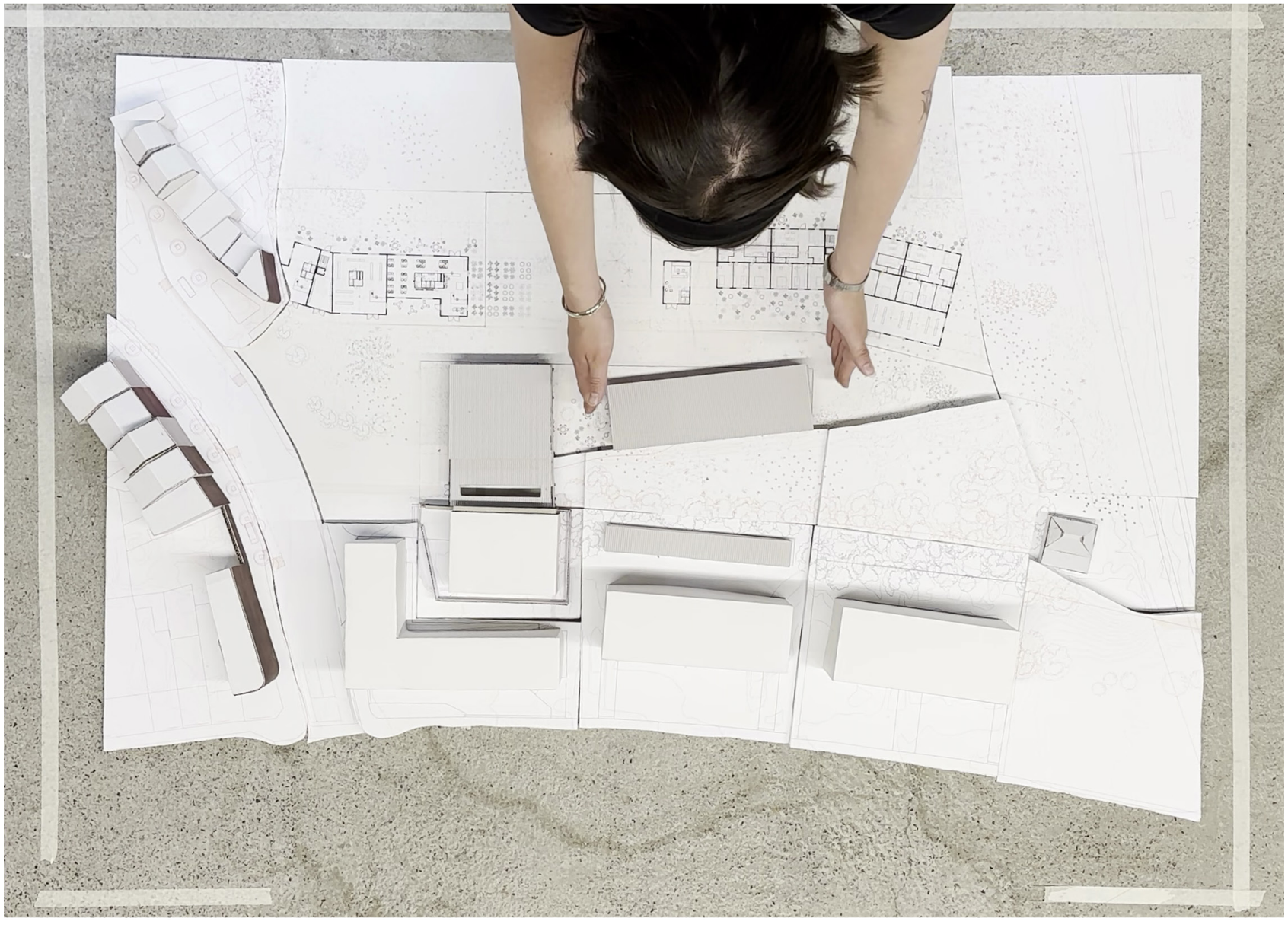


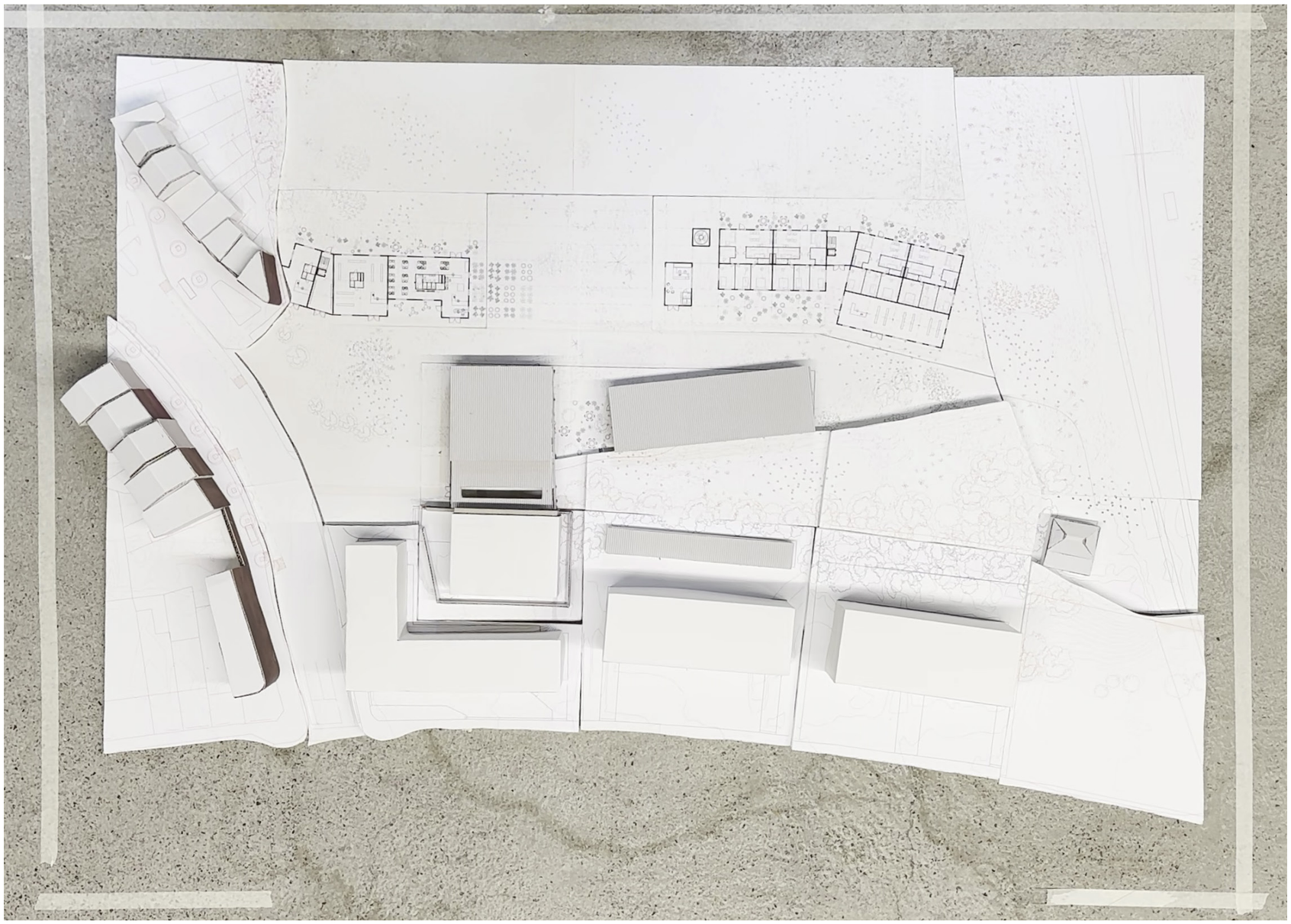


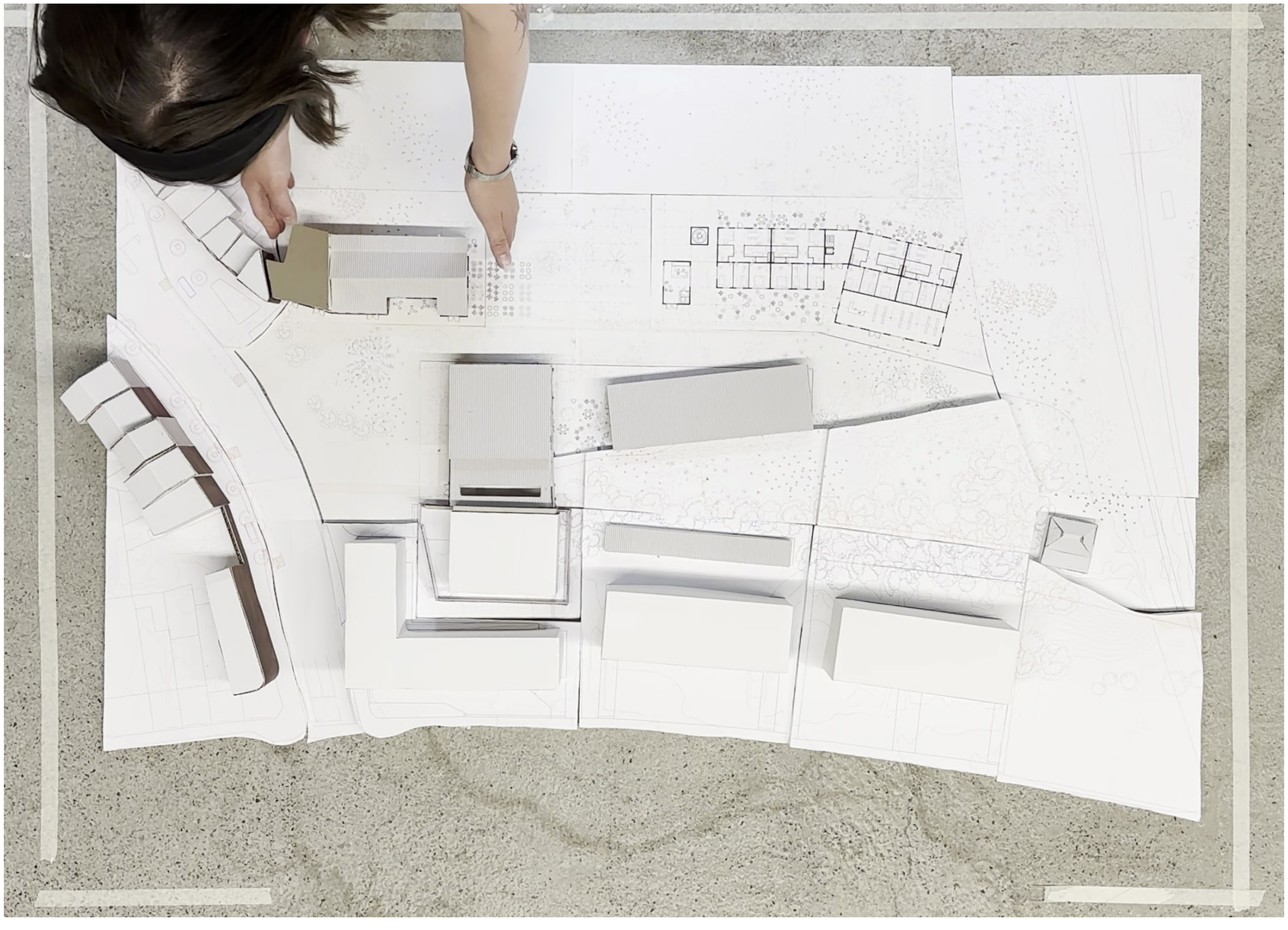
reacting

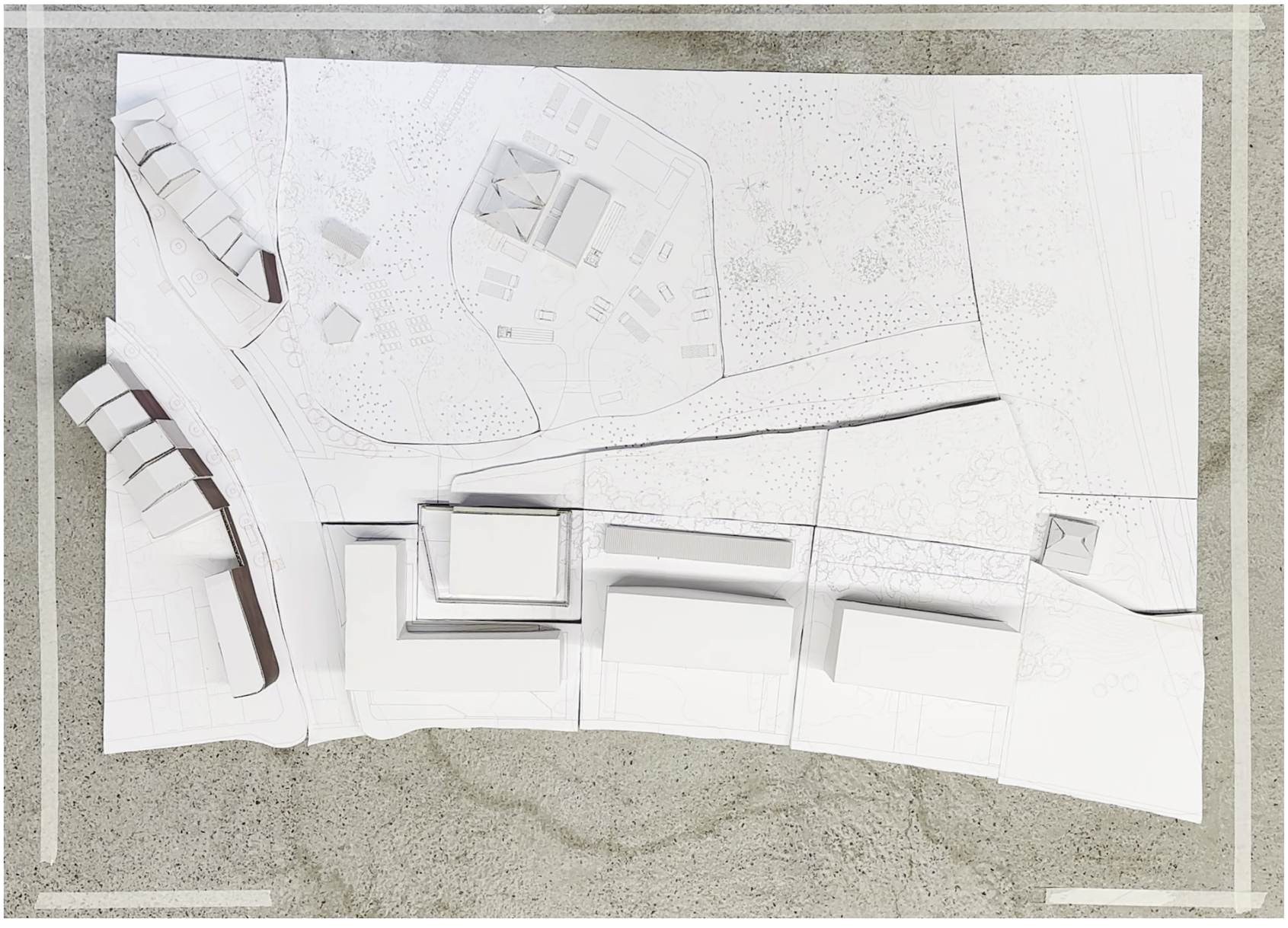












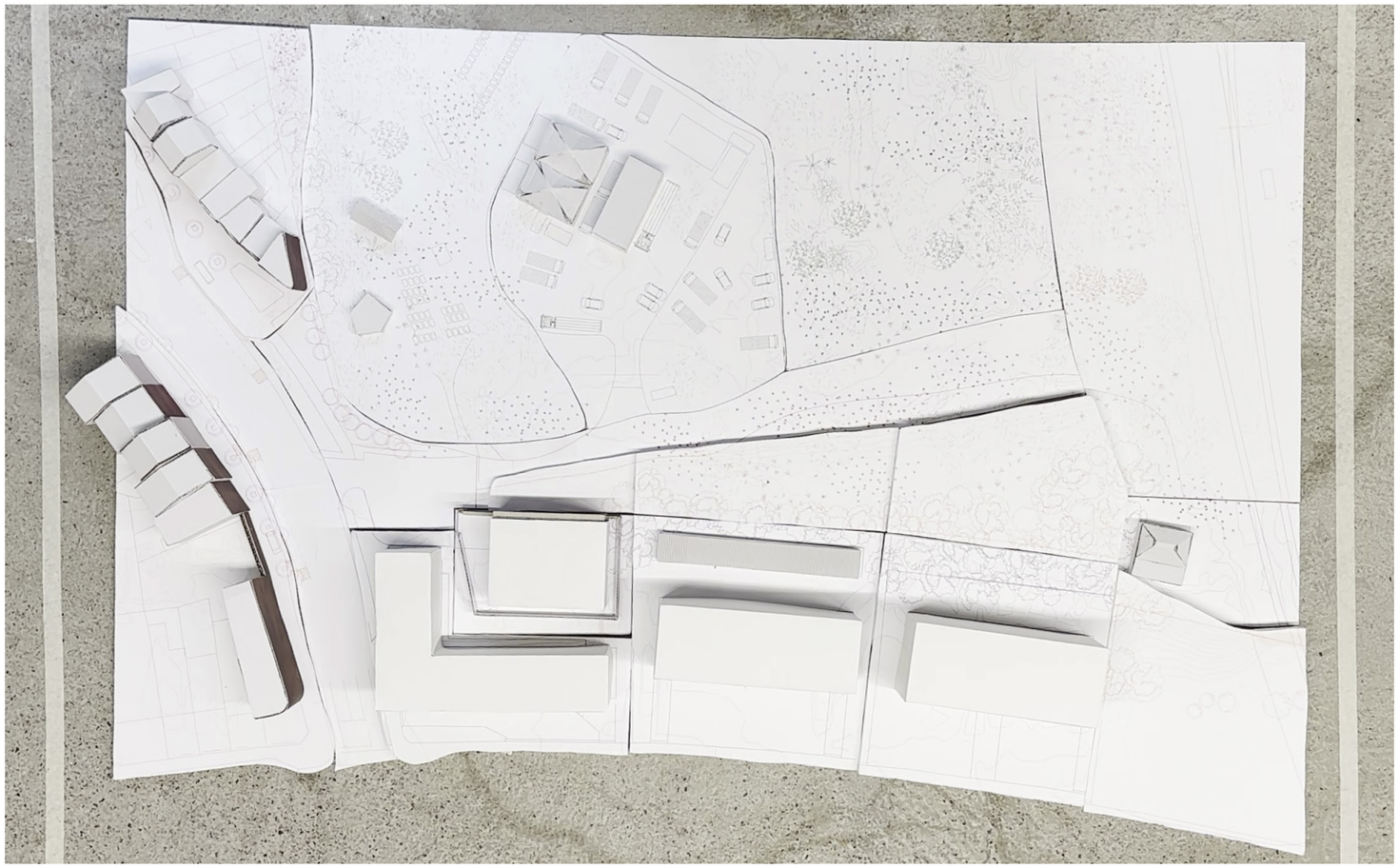
reacting

retain: scale and composition volumes

reacting

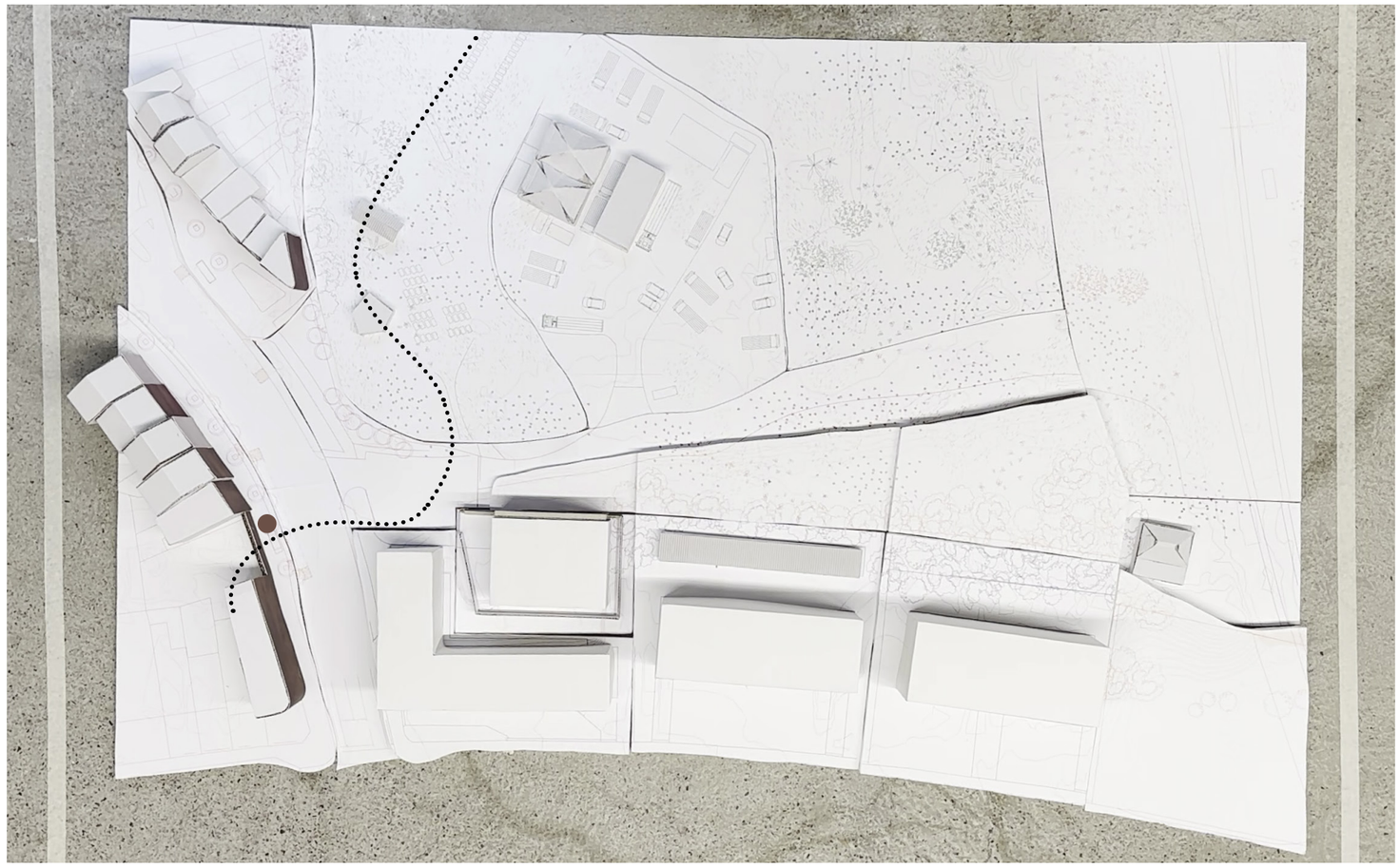
retain: scale and composition volumes

reacting



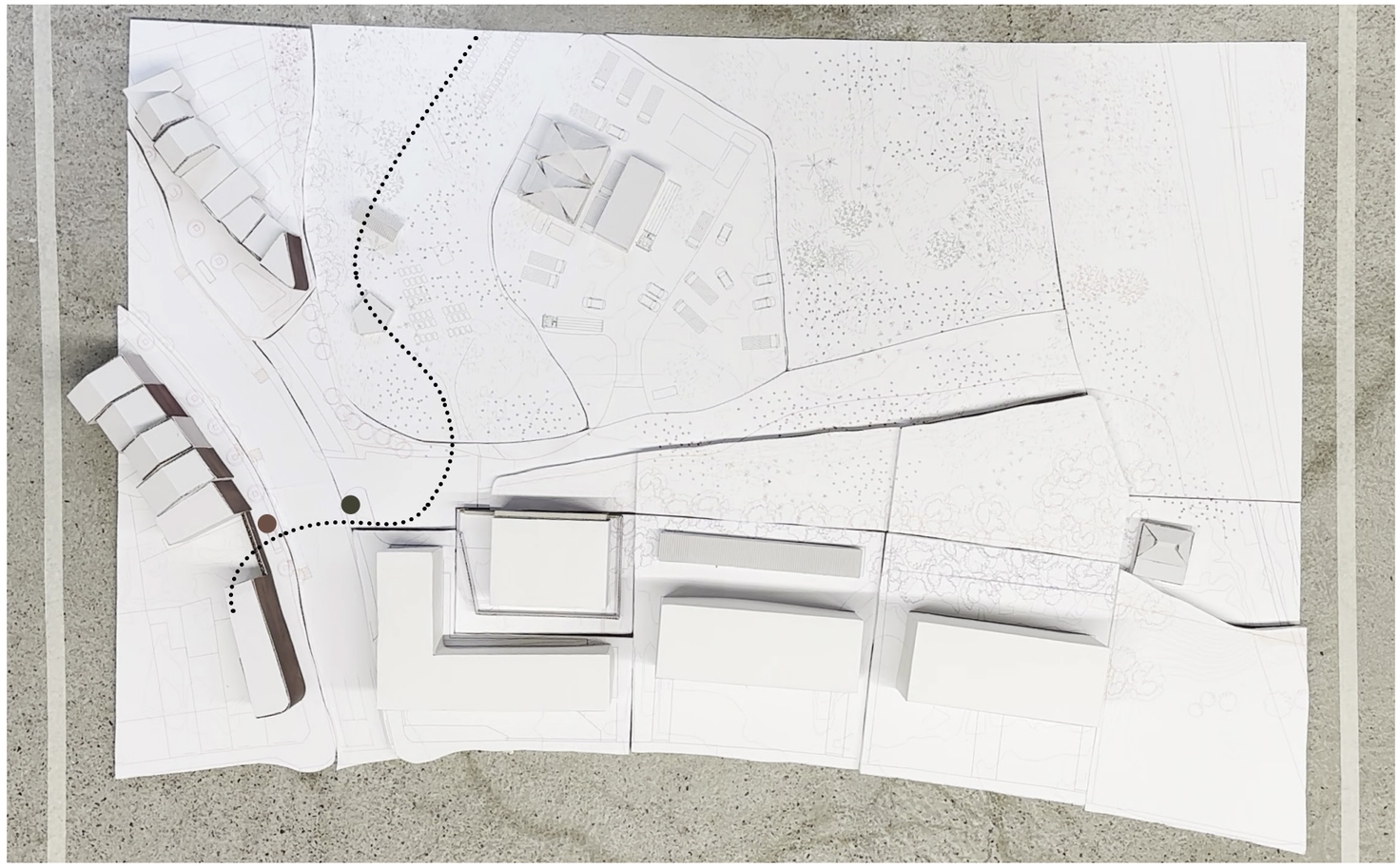
retain: gradient materialization built and unbuilt

reacting



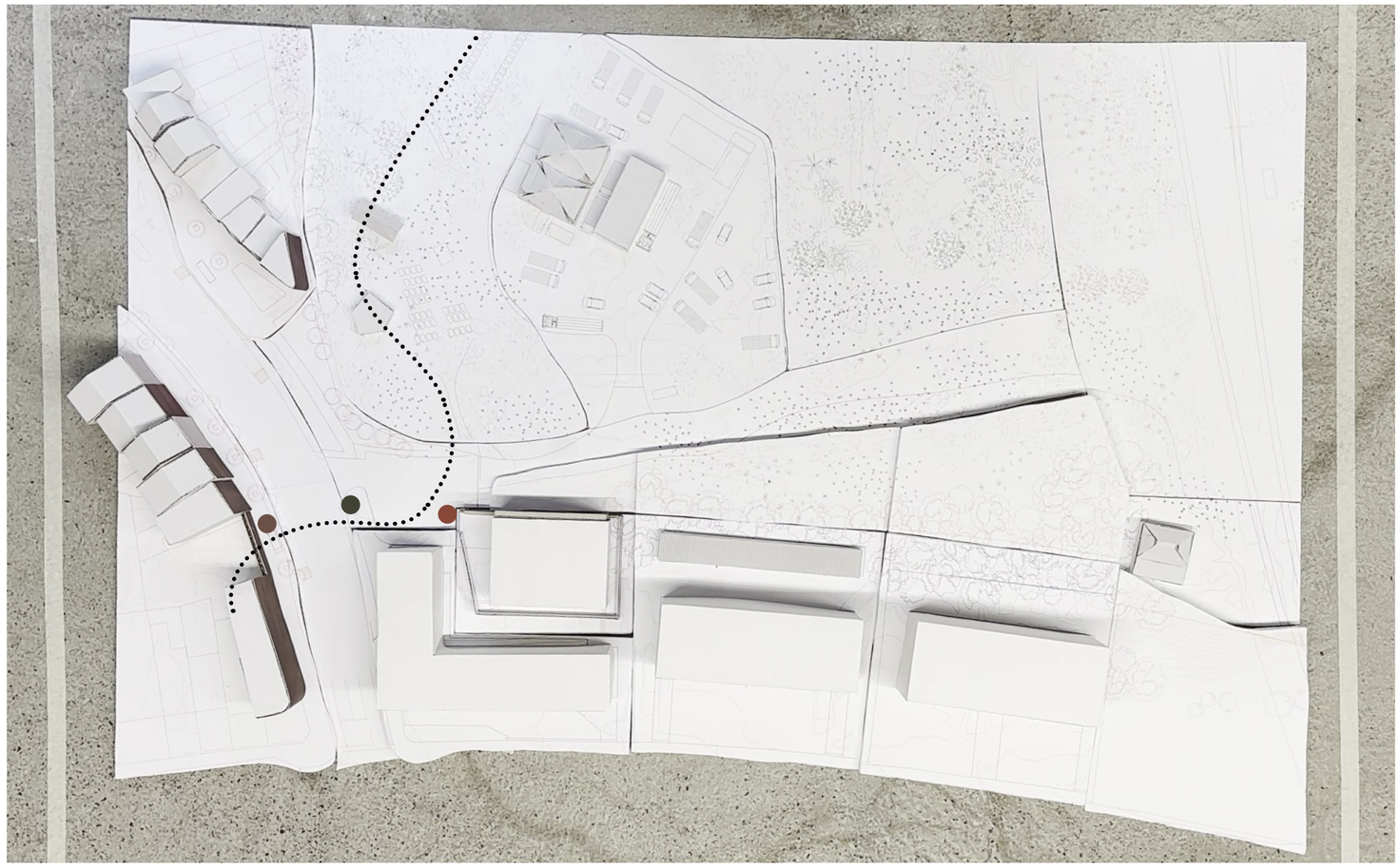
retain: gradient materialization built and unbuilt

reacting



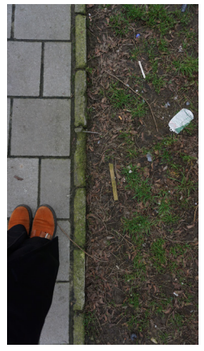
retain: gradient materialization built and unbuilt

reacting



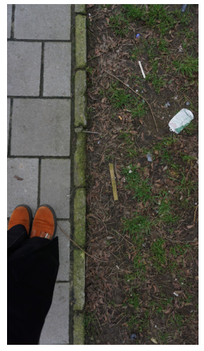
retain: gradient materialization built and unbuilt

reacting



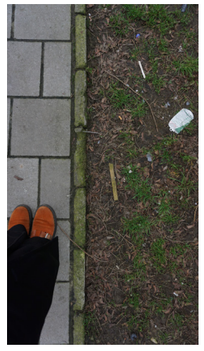
retain: gradient materialization built and unbuilt

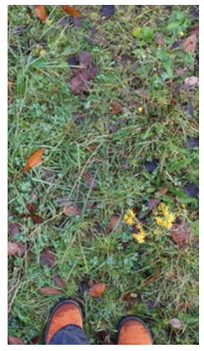
reacting



retain: gradient materialization built and unbuilt

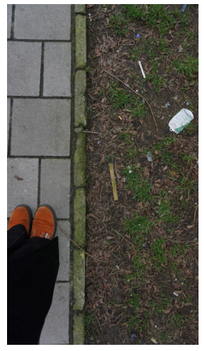
reacting

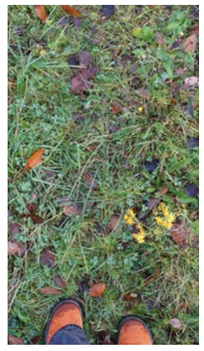




retain: gradient materialization built and unbuilt

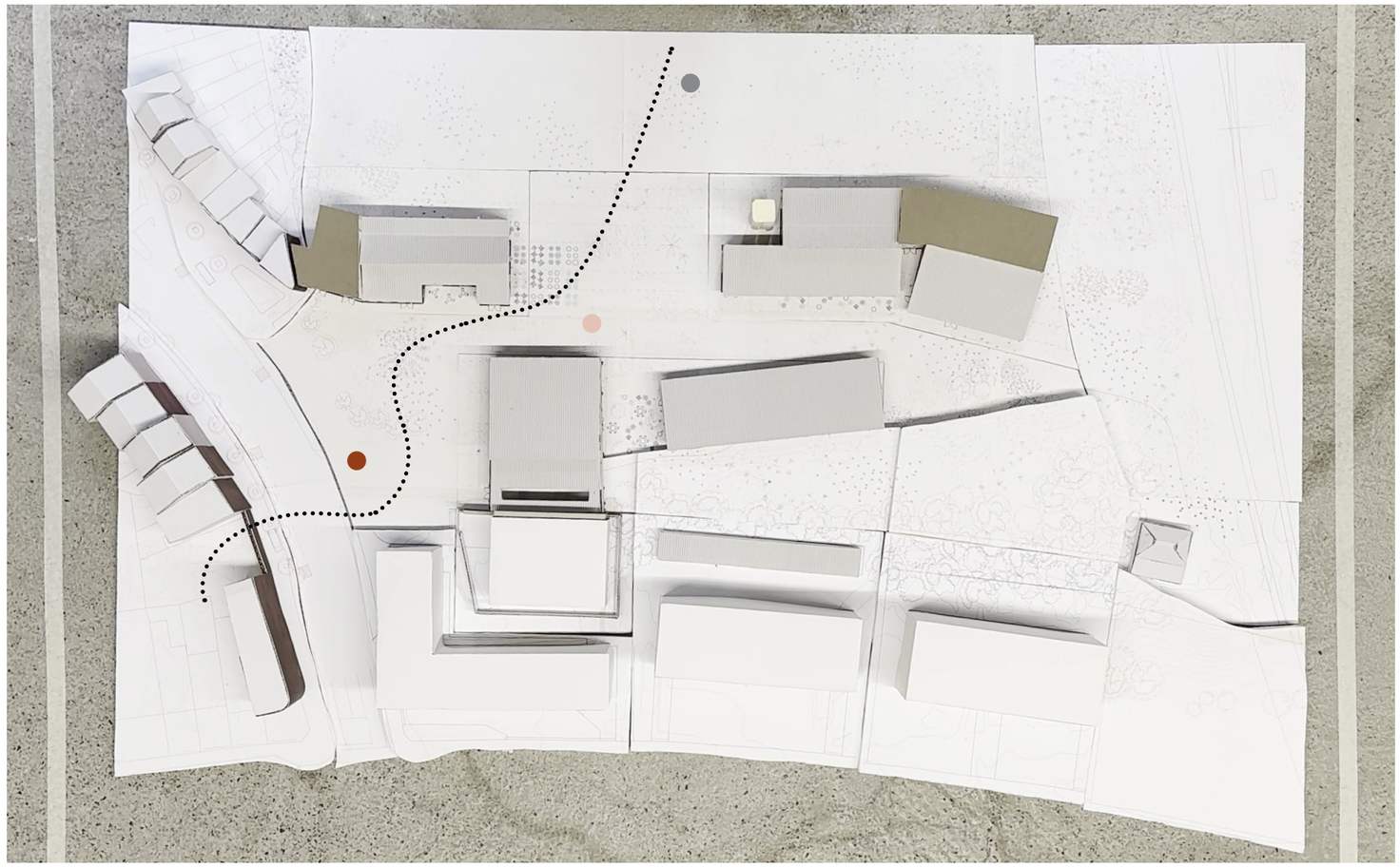
reacting





retain: gradient materialization built and unbuilt

reacting



retain: gradient materialization built and unbuilt

reacting

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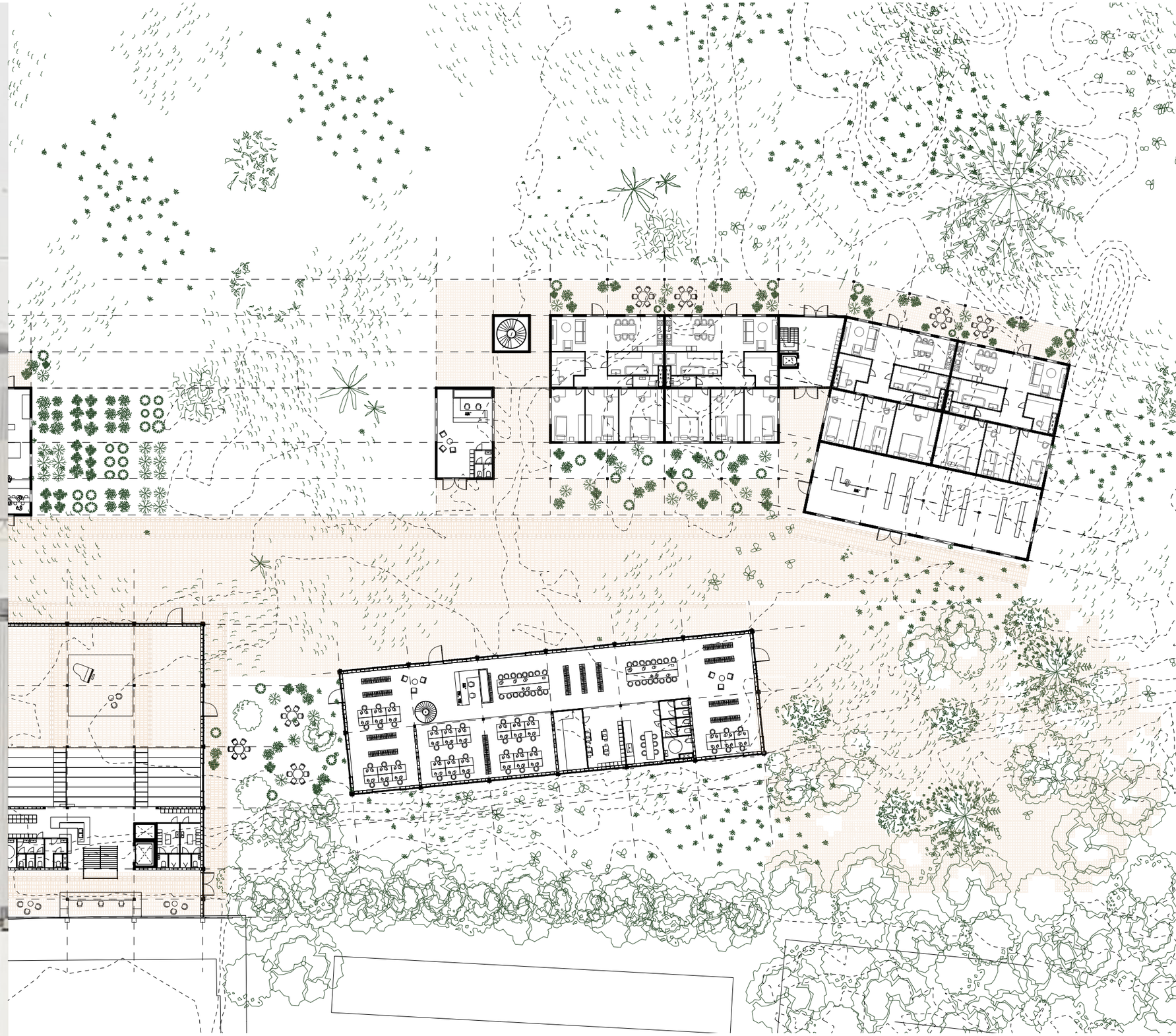
reacting

retain: gradient materialization built and unbuilt

reacting

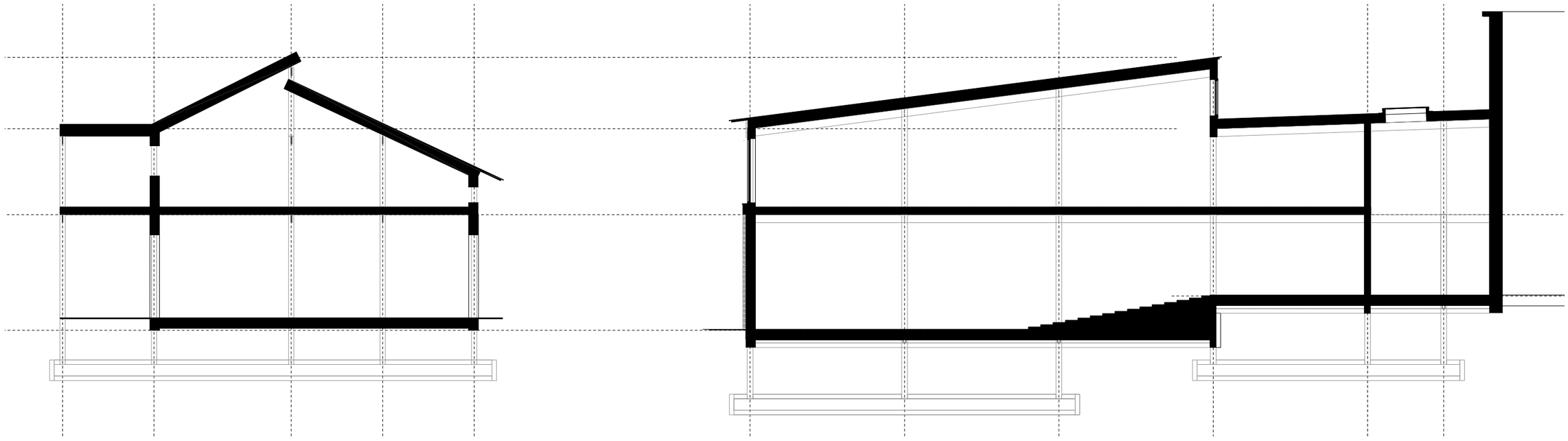
retain: gradient materialization built and unbuilt

reacting



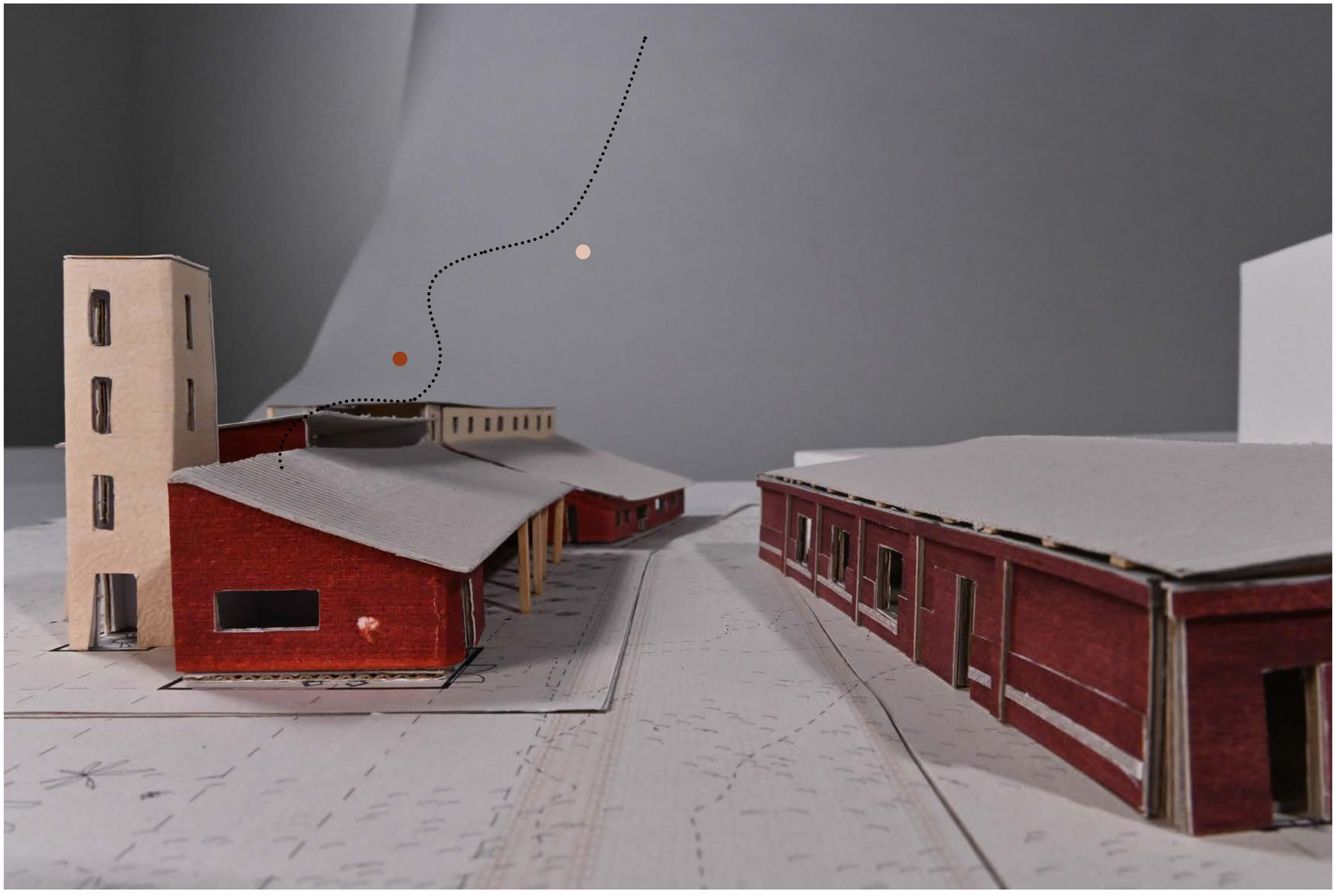
retain: gradient materialization built and unbuilt

reacting



retain: gradient materialization built and unbuilt

reacting



retain: gradient materialization built and unbuilt

reacting

retain: gradient materialization built and unbuilt

reacting

retain: gradient materialization built and unbuilt

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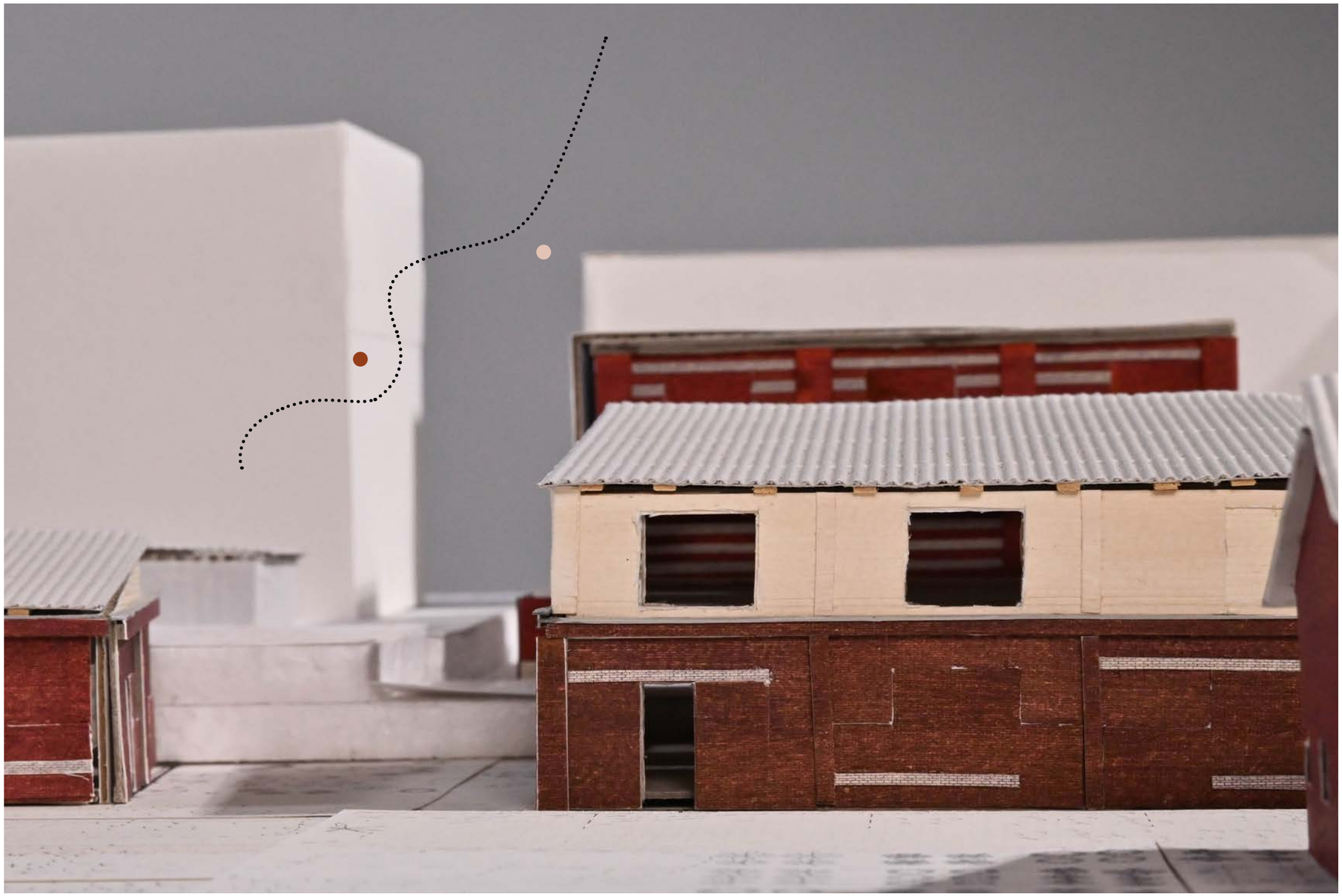
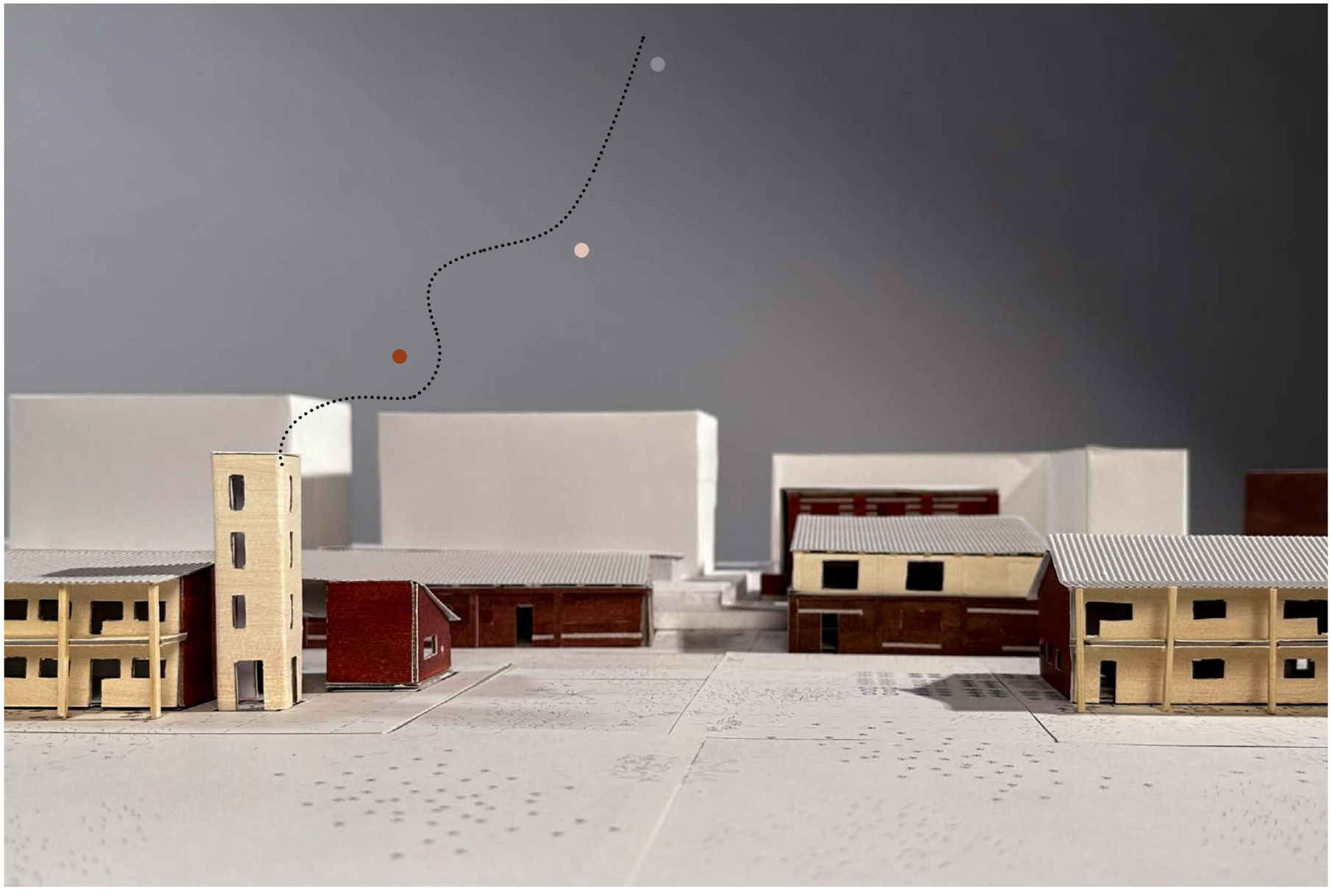


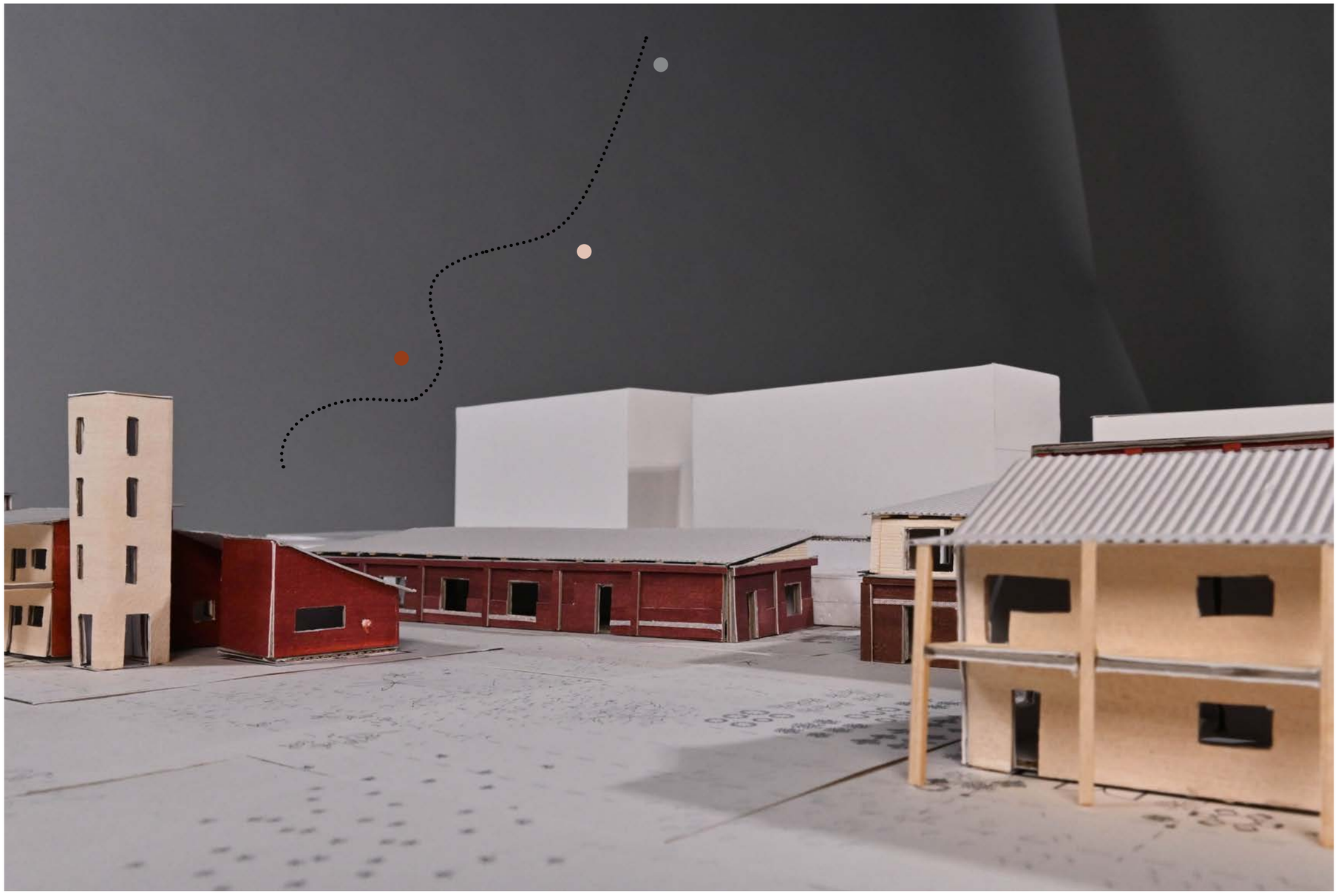
retain: gradient materialization built and unbuilt

reacting



retain: gradient materialization built and unbuilt

reacting

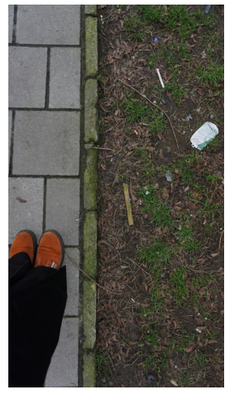


retain: gradient materialization built and unbuilt

reacting

retain: gradient materialization built and unbuilt

reacting



retain: gradient materialization built and unbuilt

community garden

light weight wood structures

a place to meet

represent: what used to be

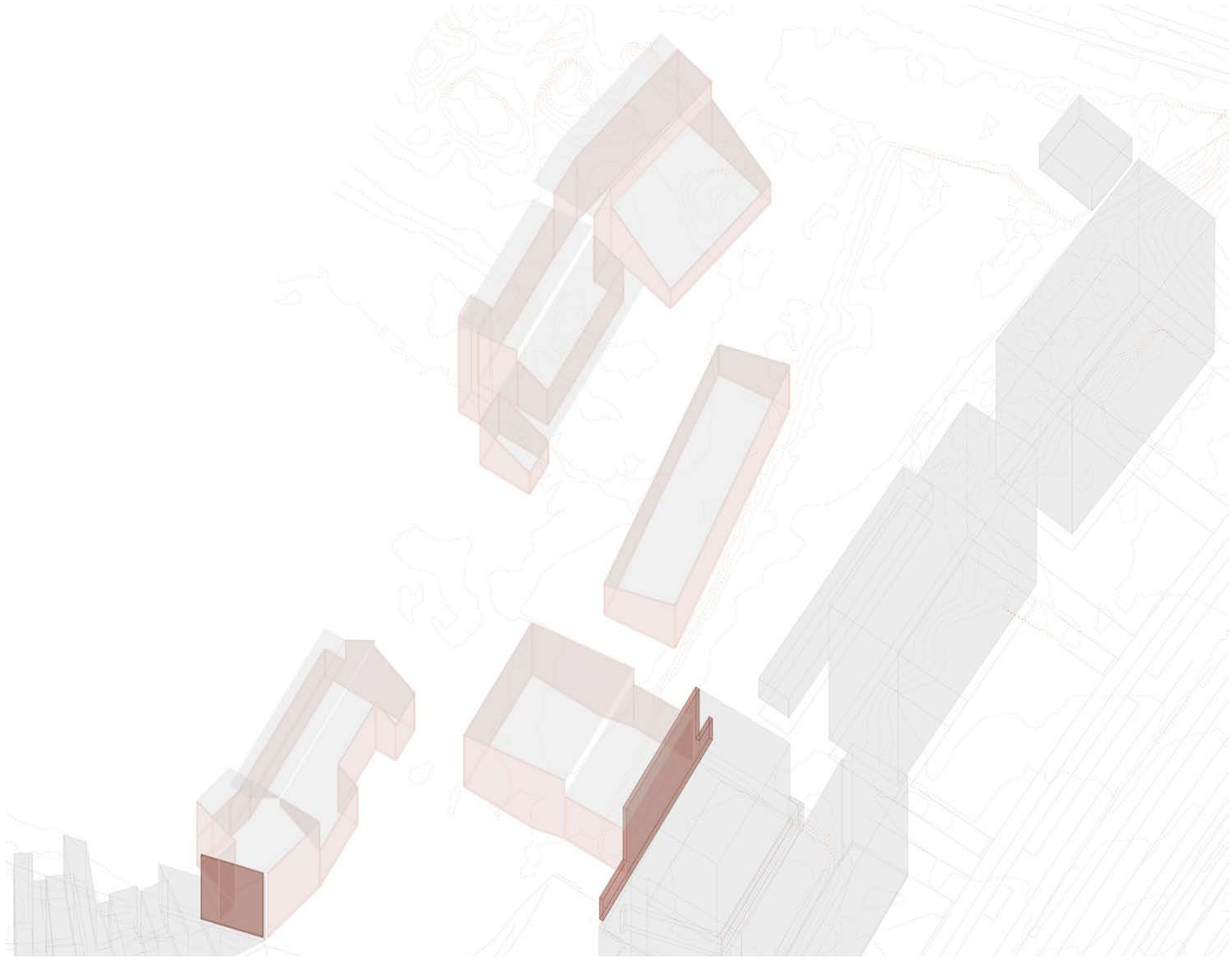
the theatre

eye catcher

a place of attraction

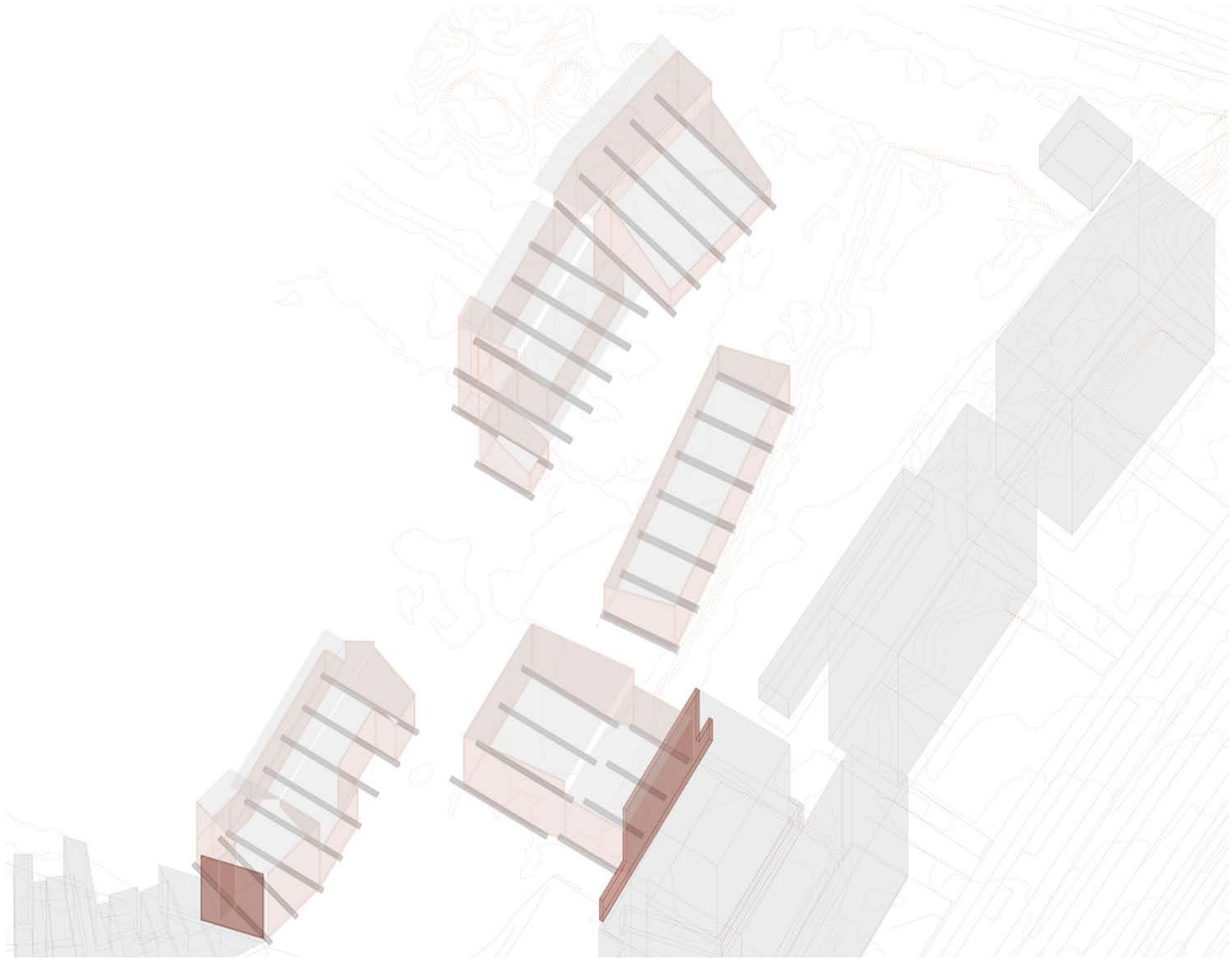
represent: what used to be

reacting



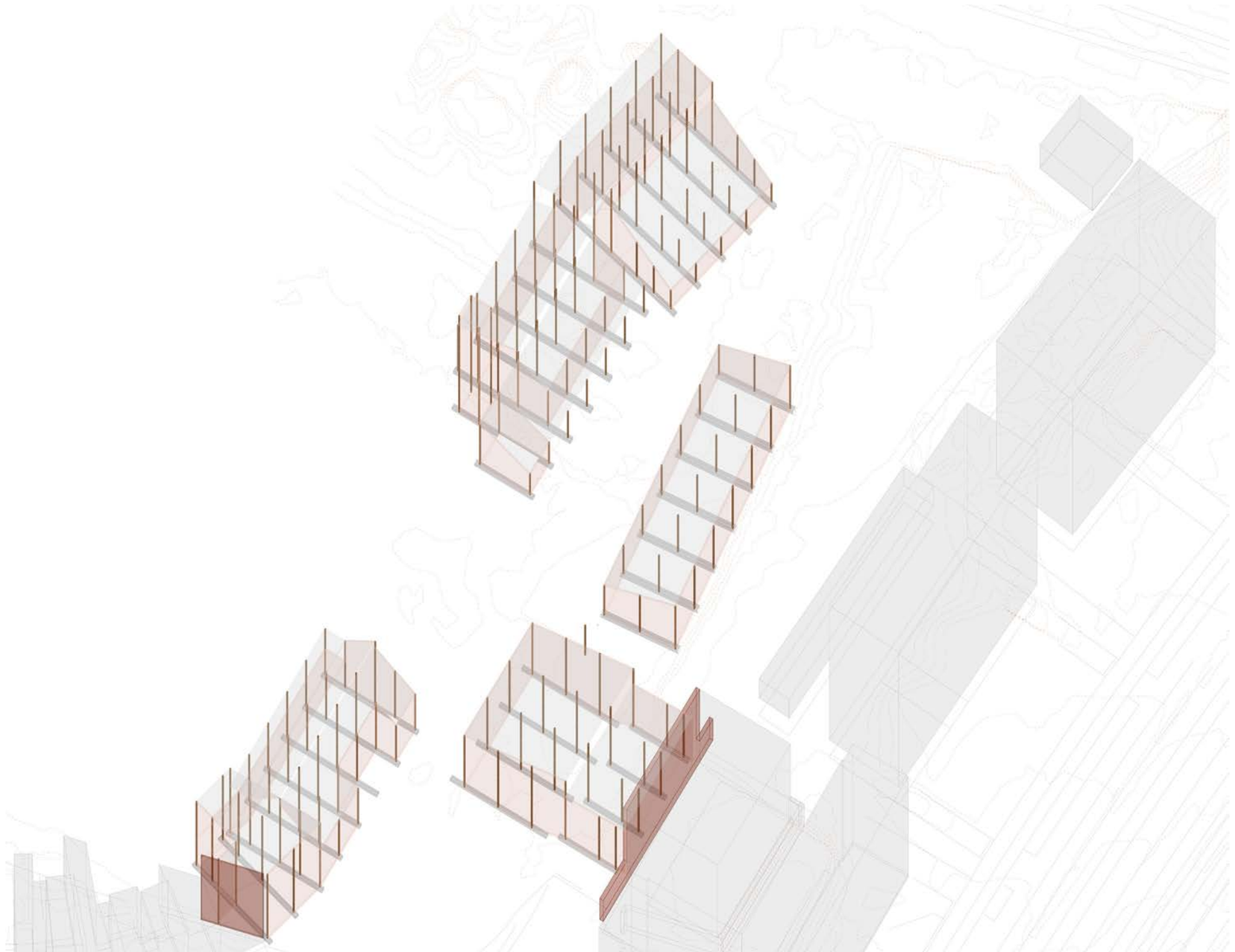
construction - existing exterior walls

reacting



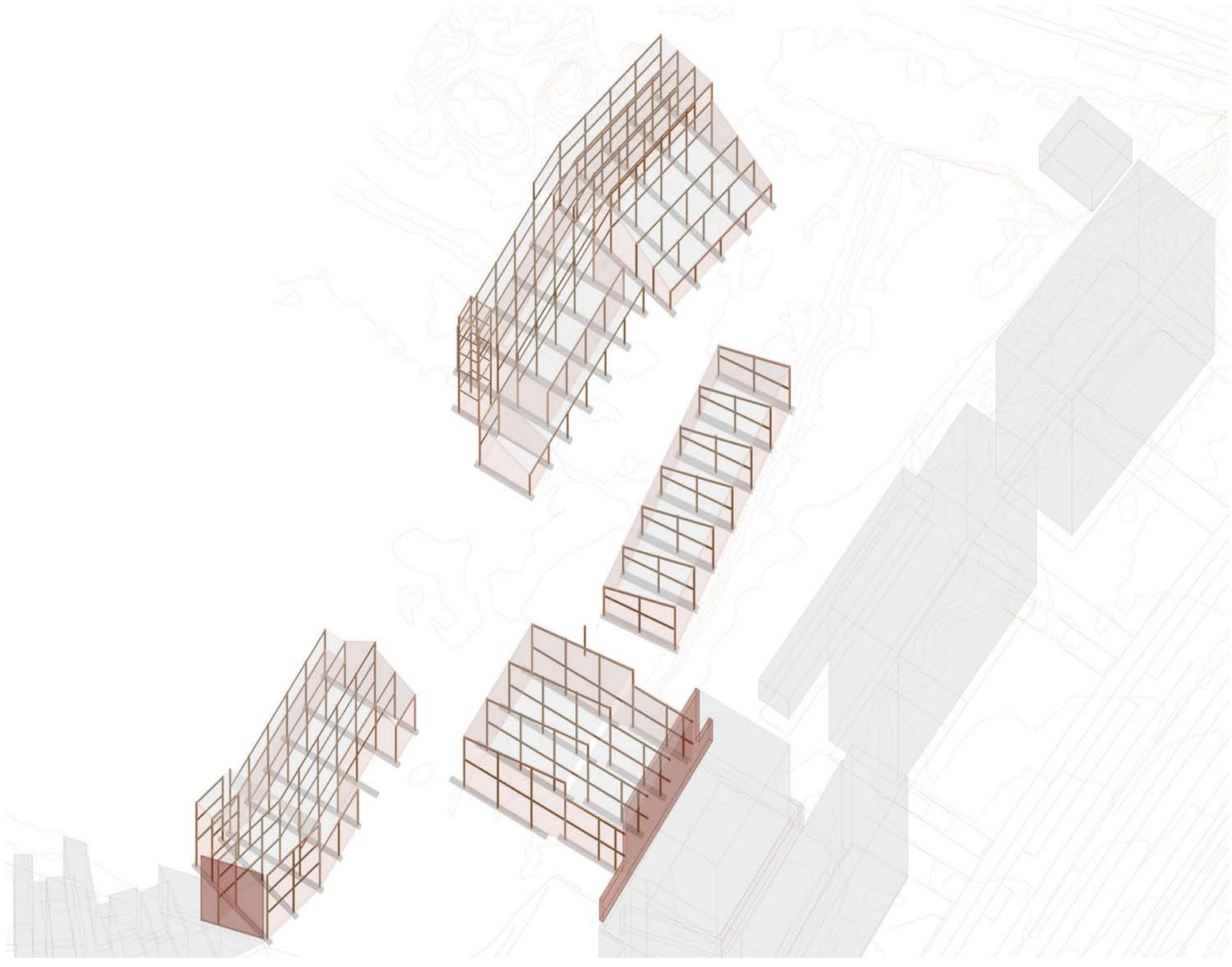
construction - foundation beams

reacting

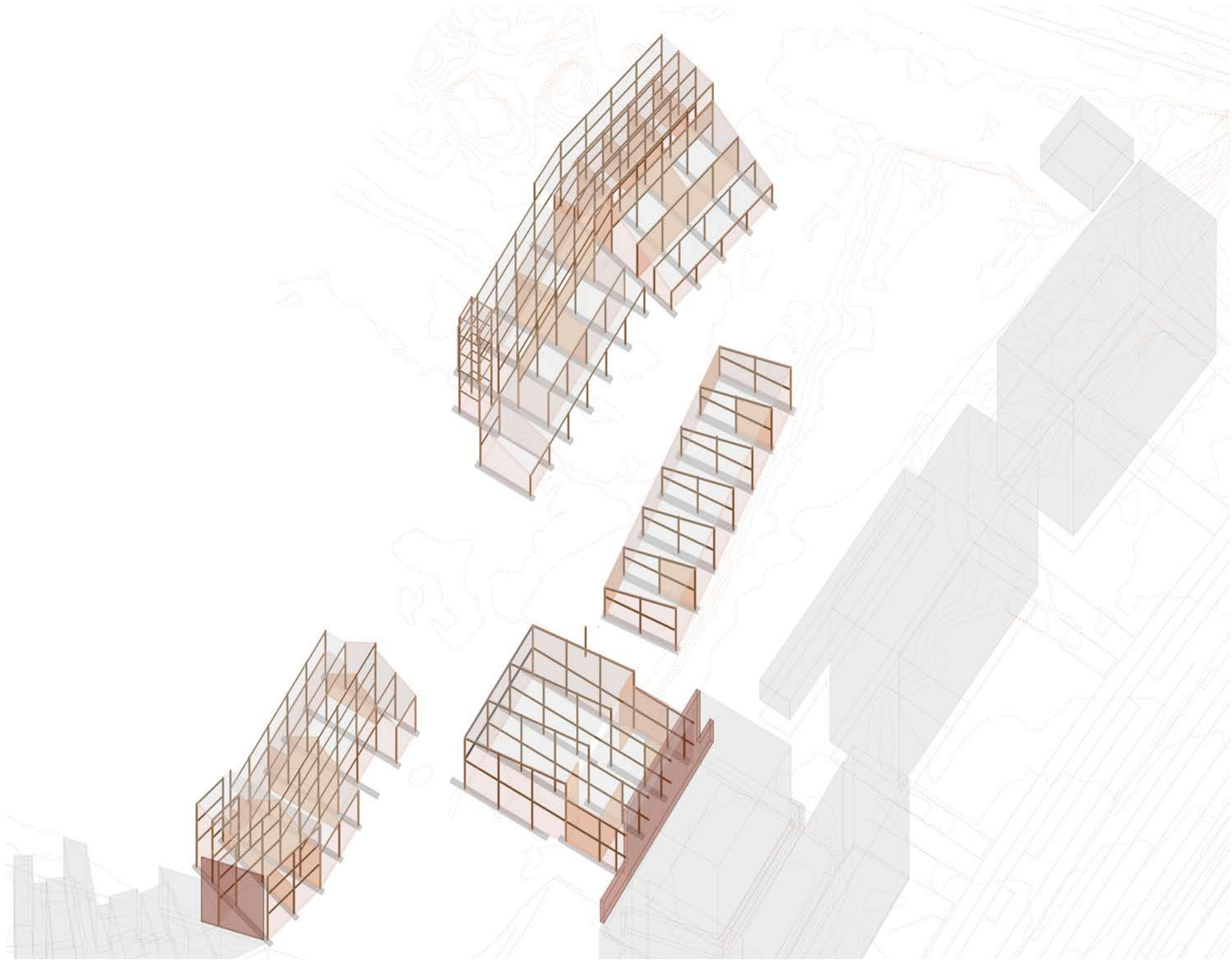


construction - wooden laminated collumn 250x250mm

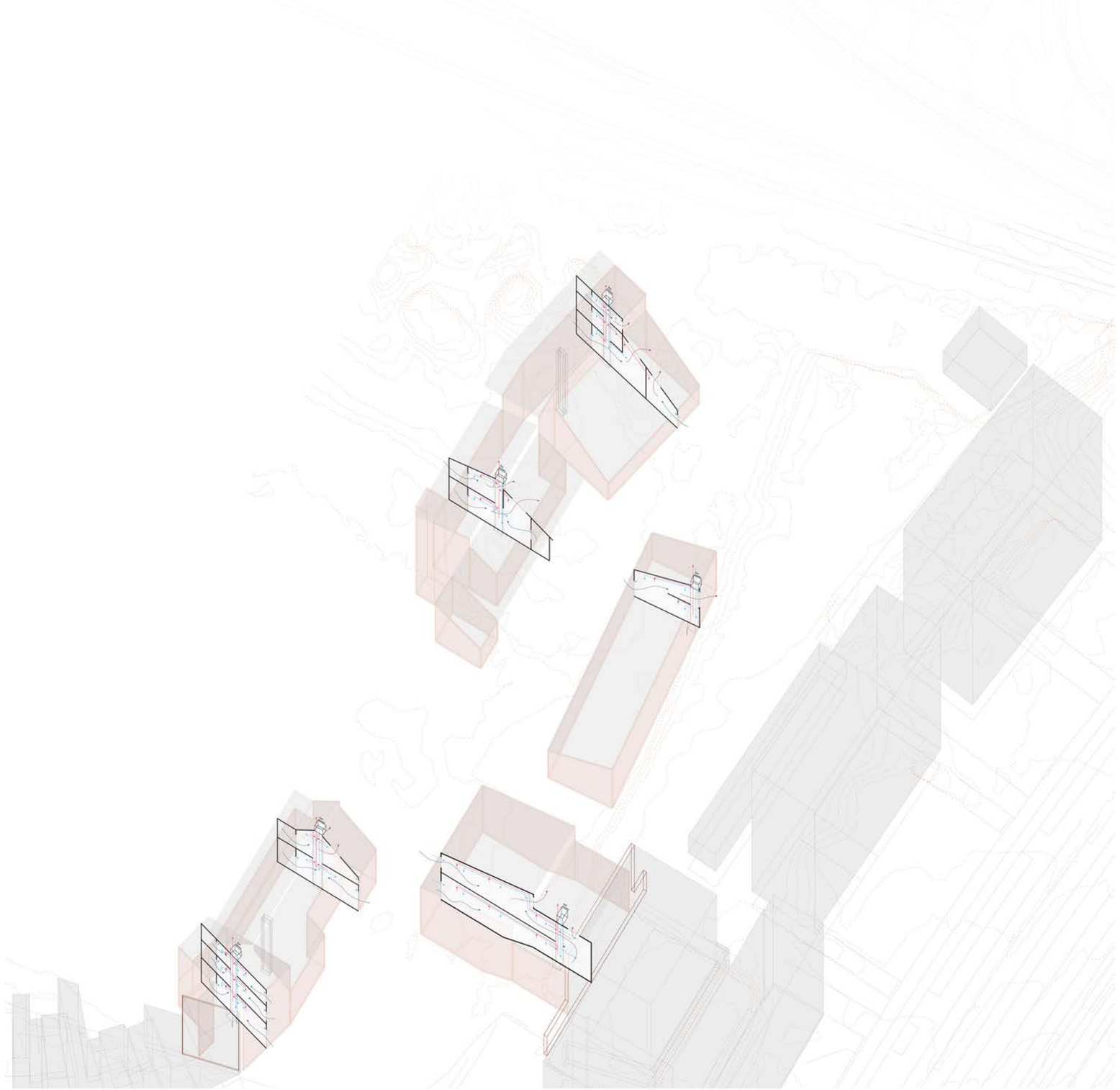
reacting



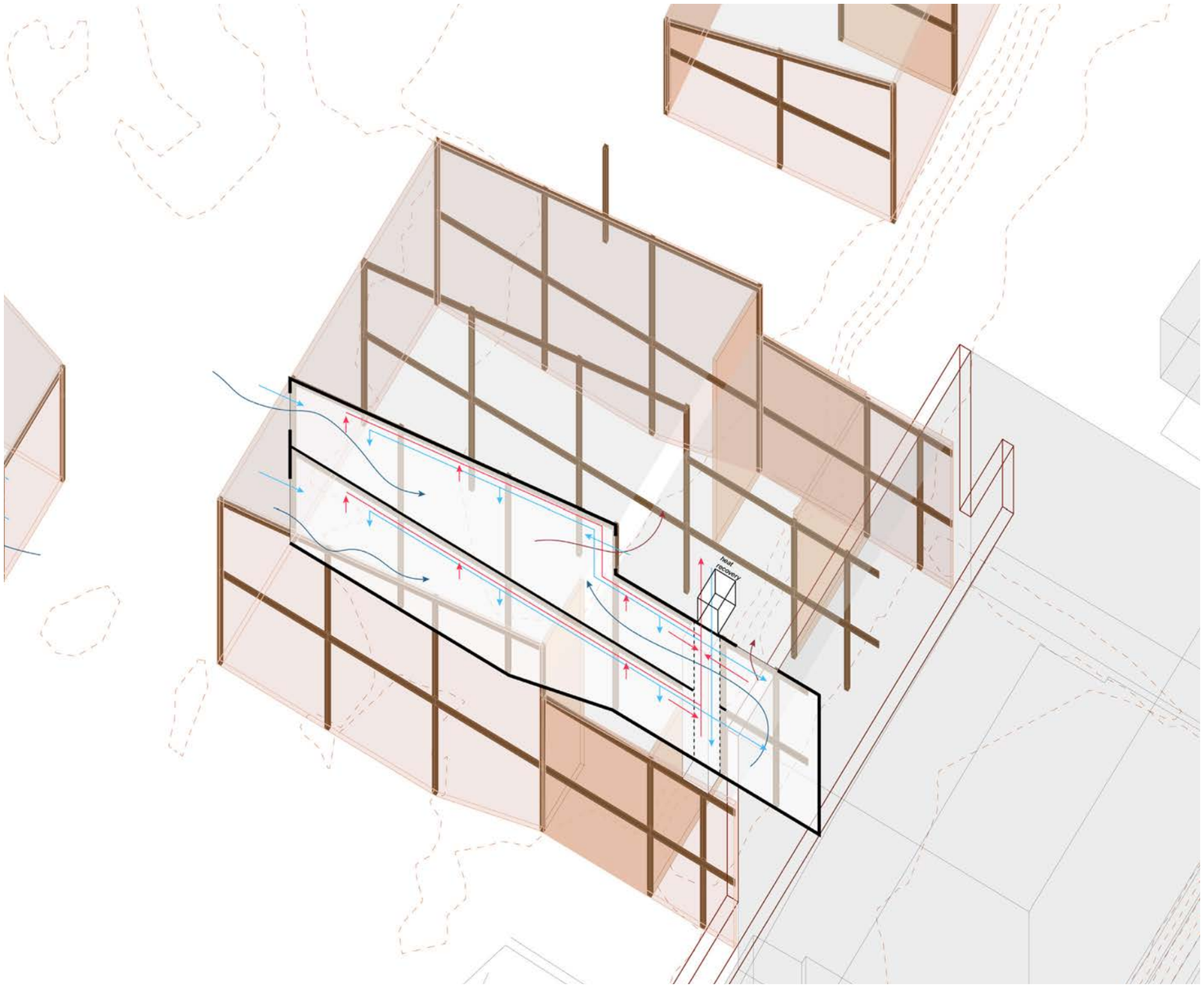
construction - wooden laminated beam 350x60mm

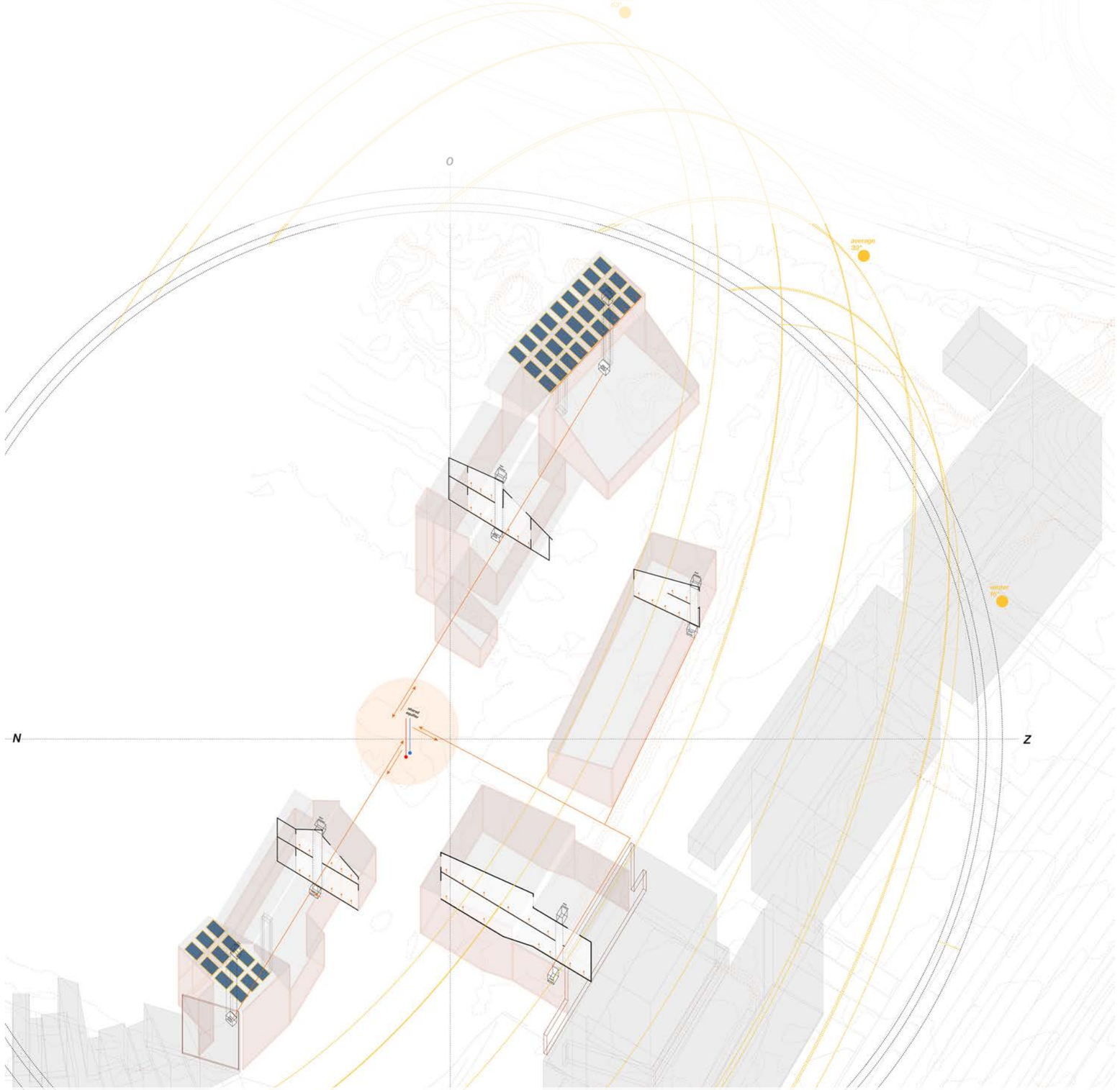


reacting



climate - ventilation


heat
recovery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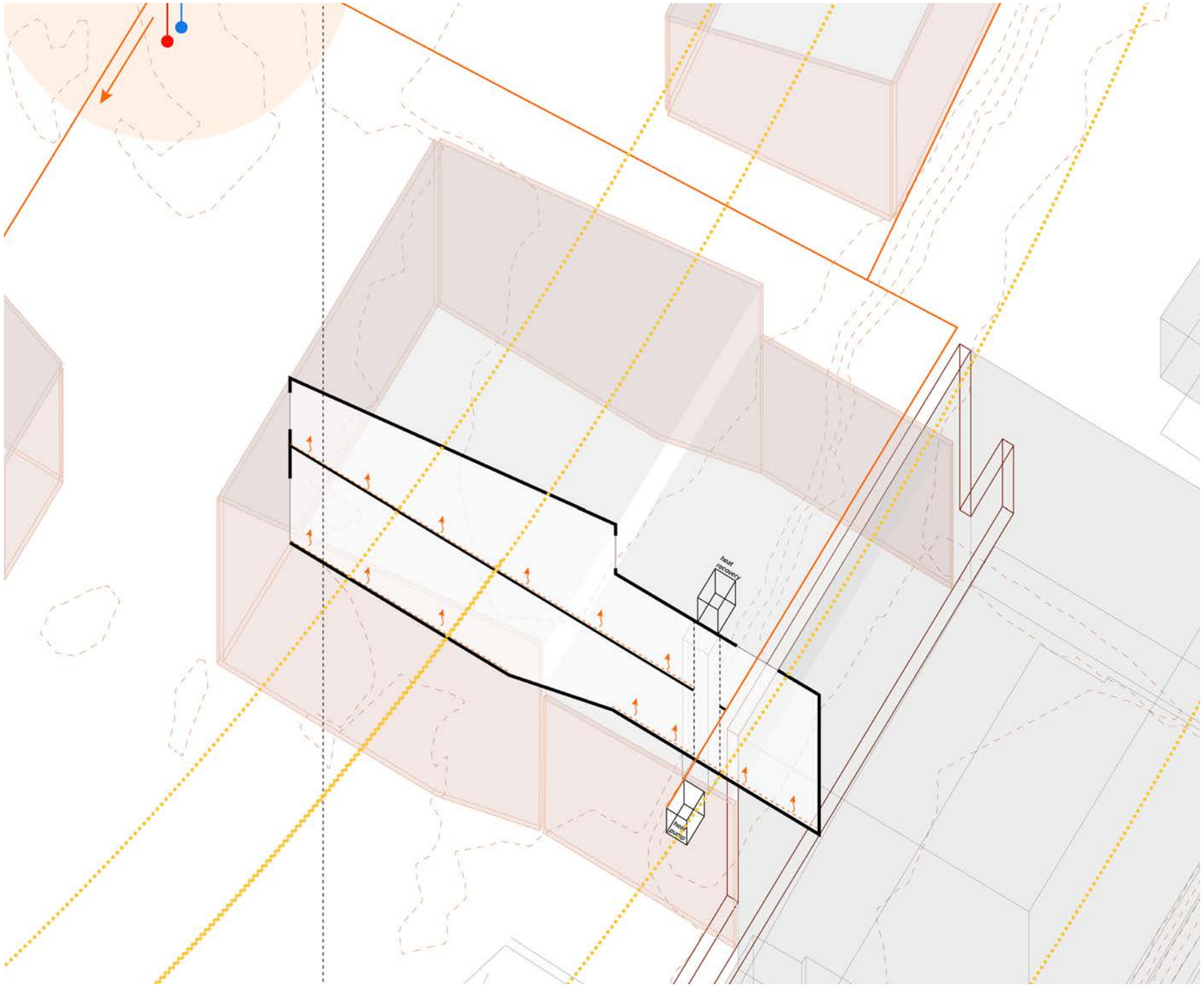
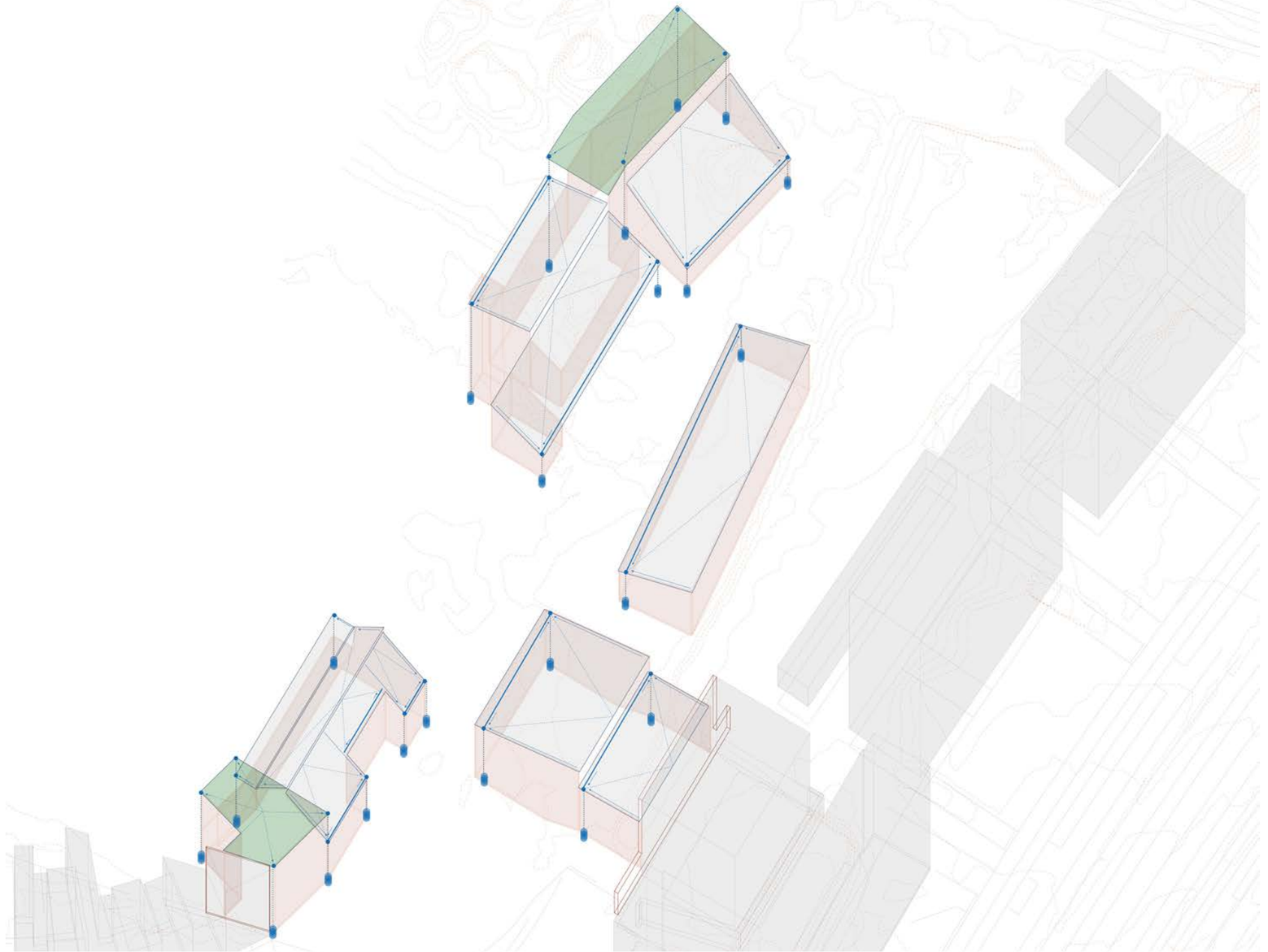
N
Z

reacting

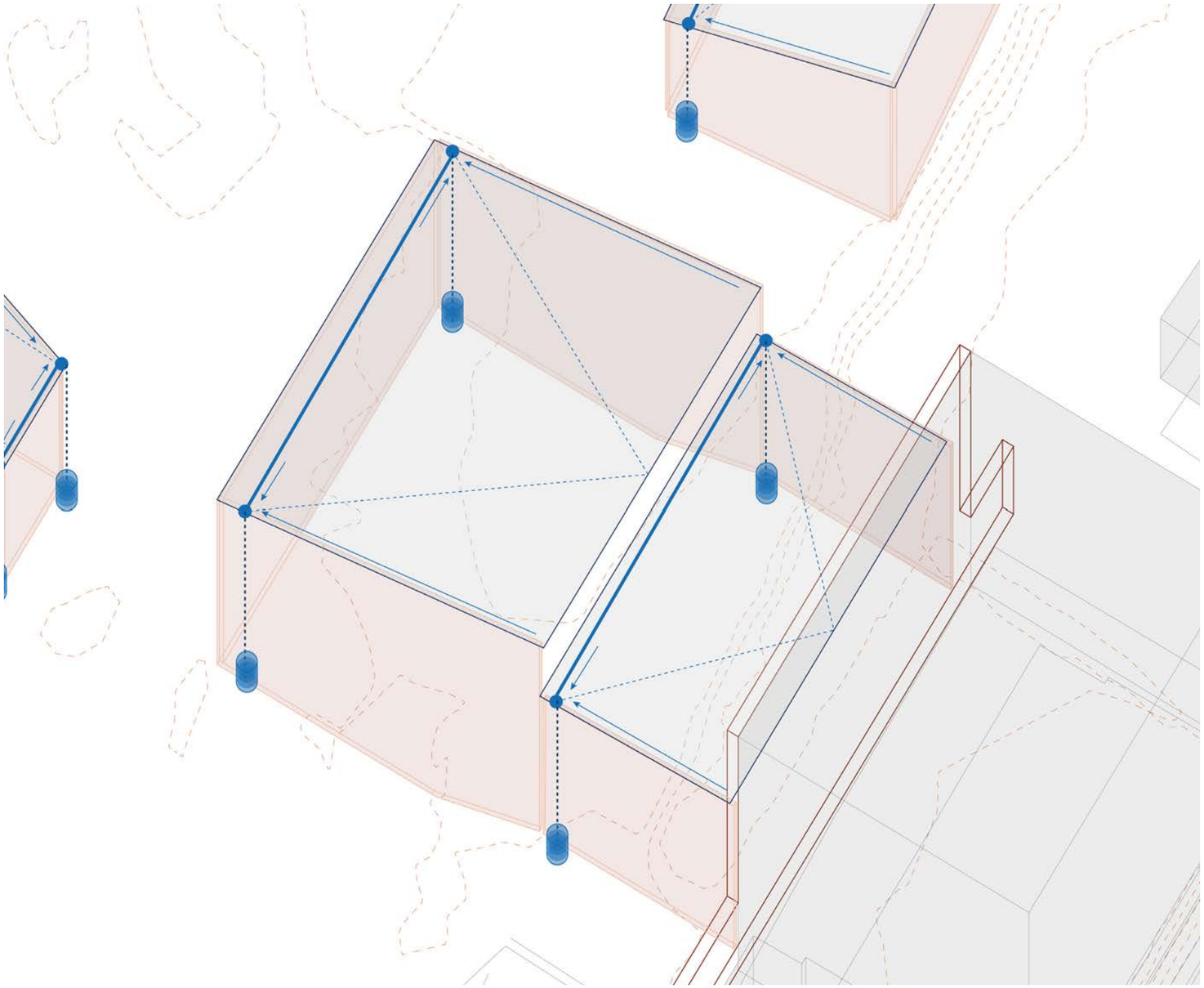


climate - heating & solar panels

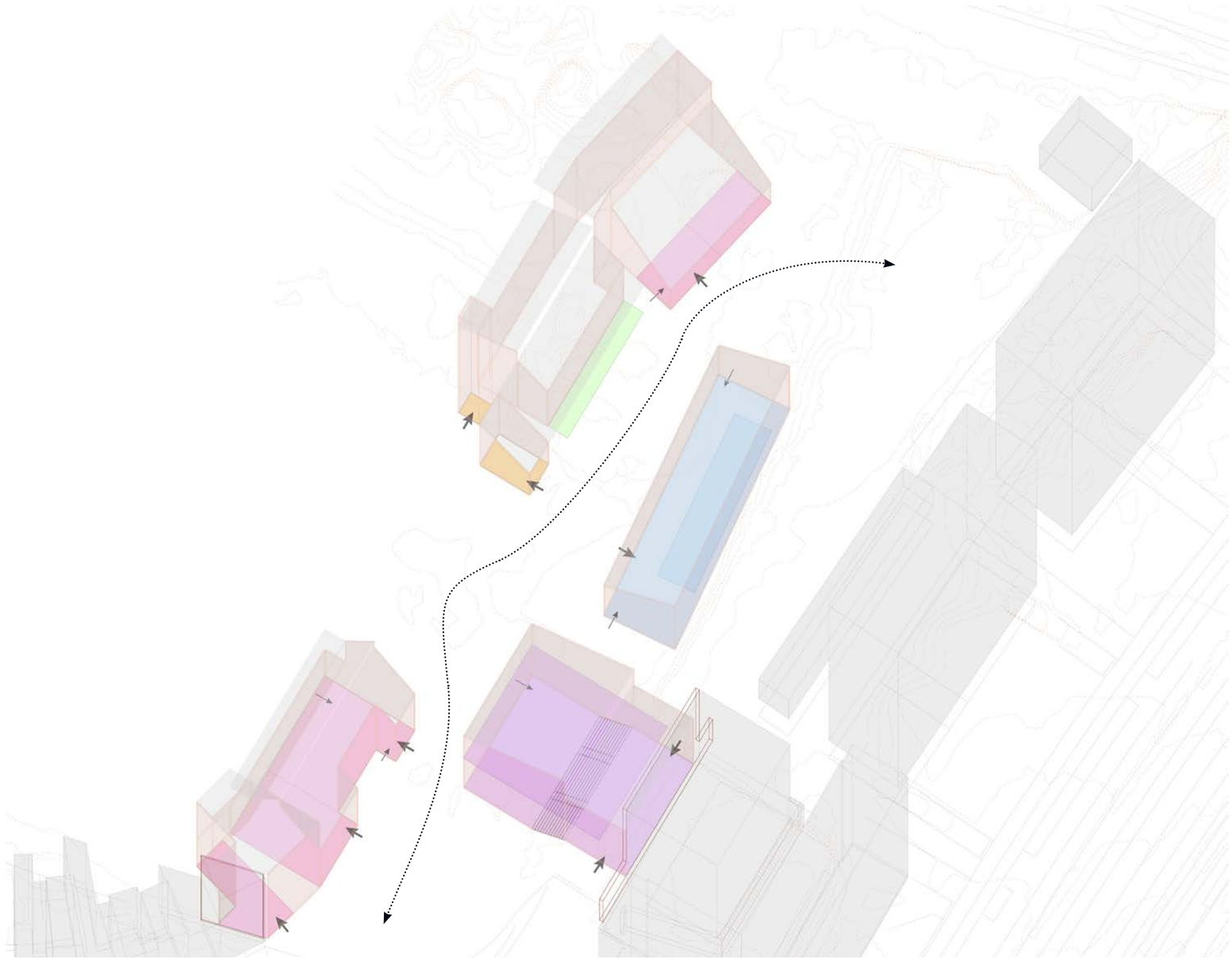
reacting



climate - rainwater collection

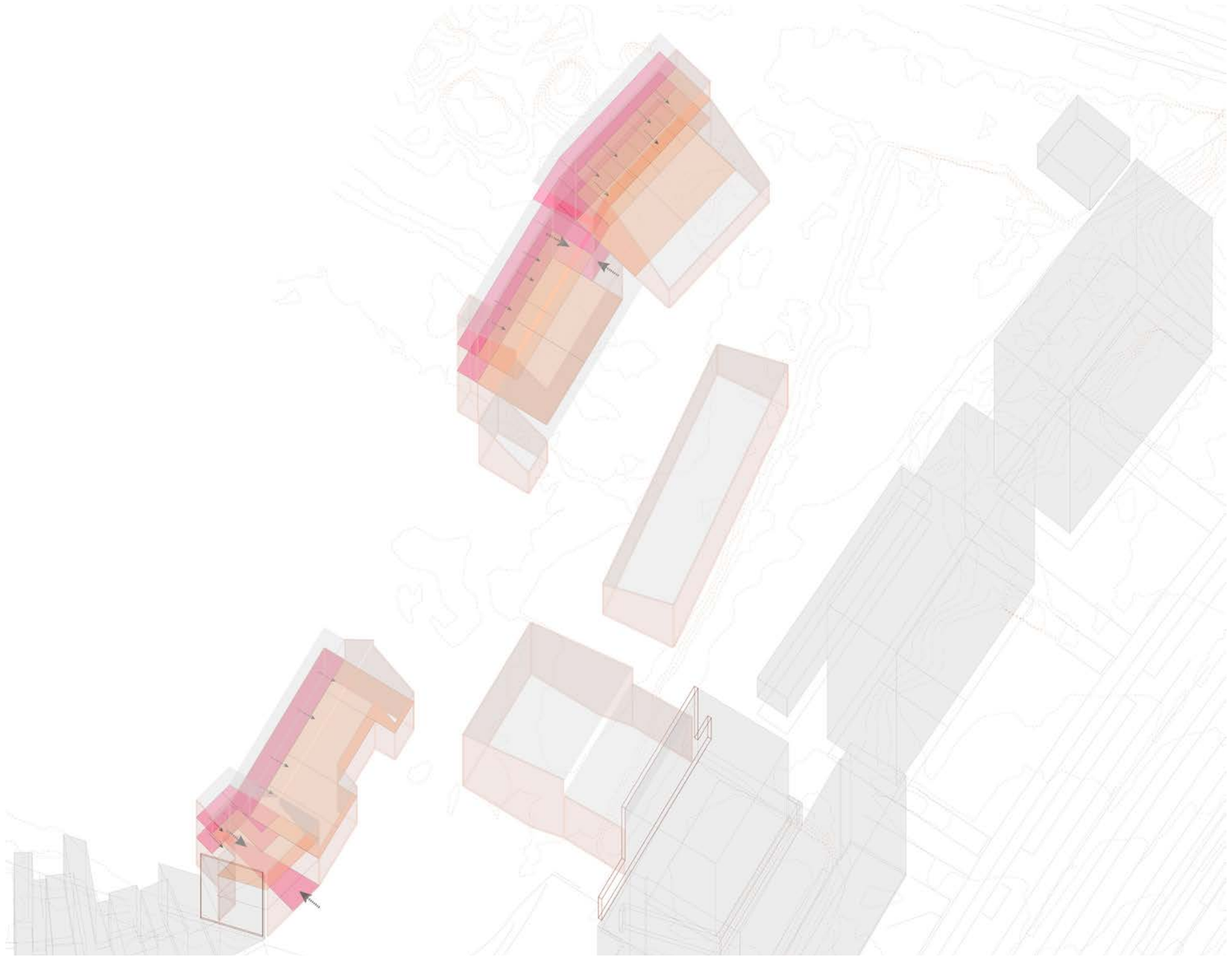


reacting



program - public

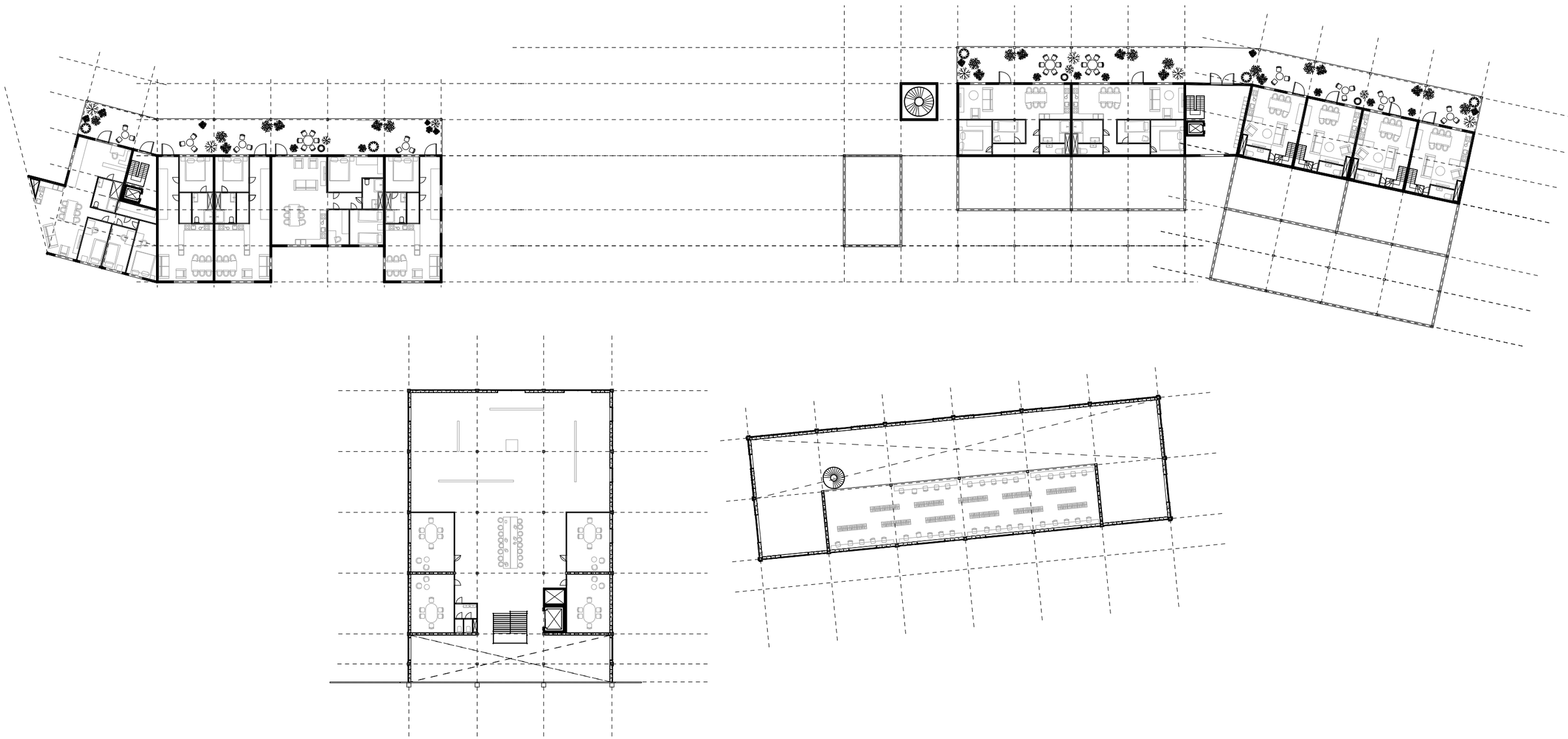
reacting



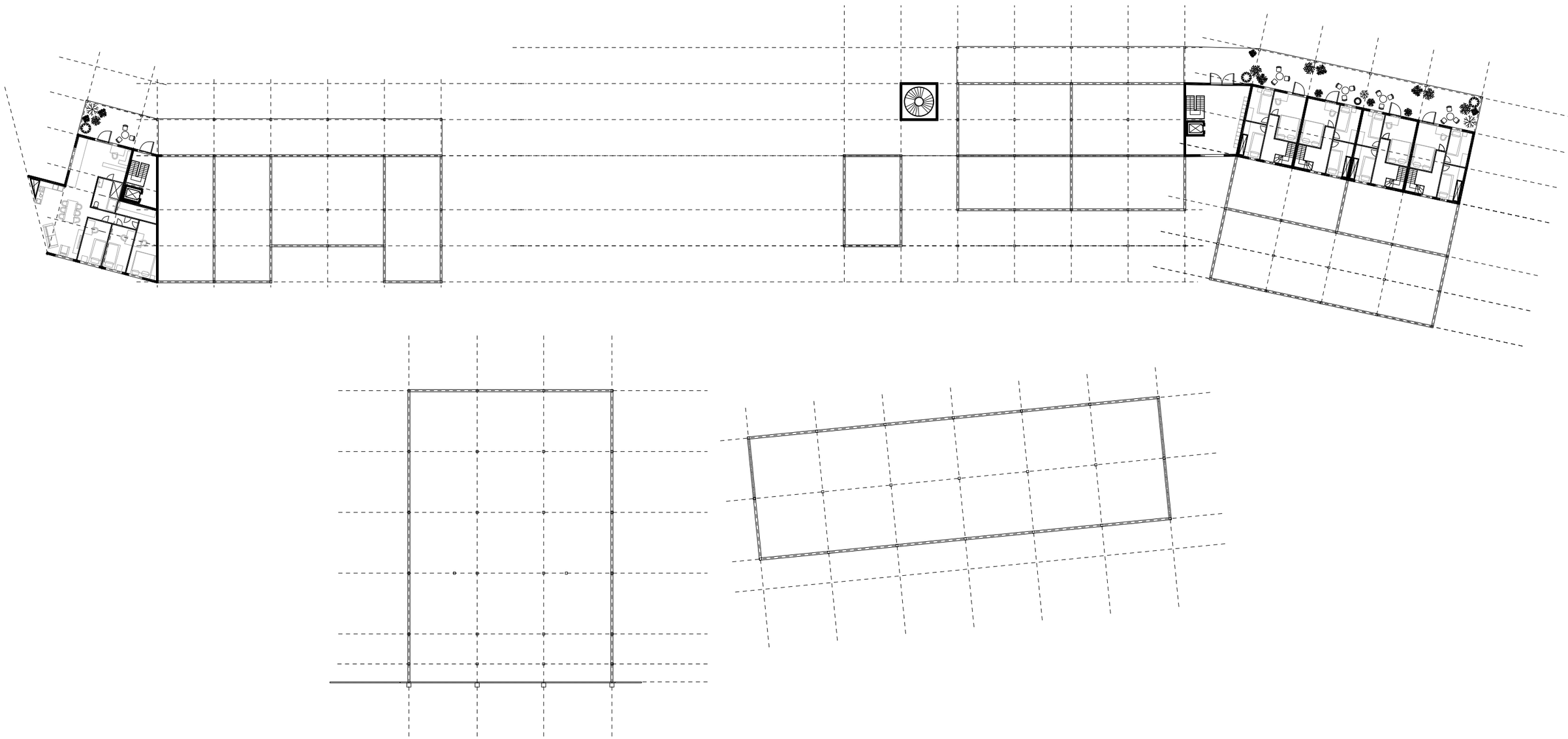
program - private

reacting

groundfloor masterplan



1st floor masterplan

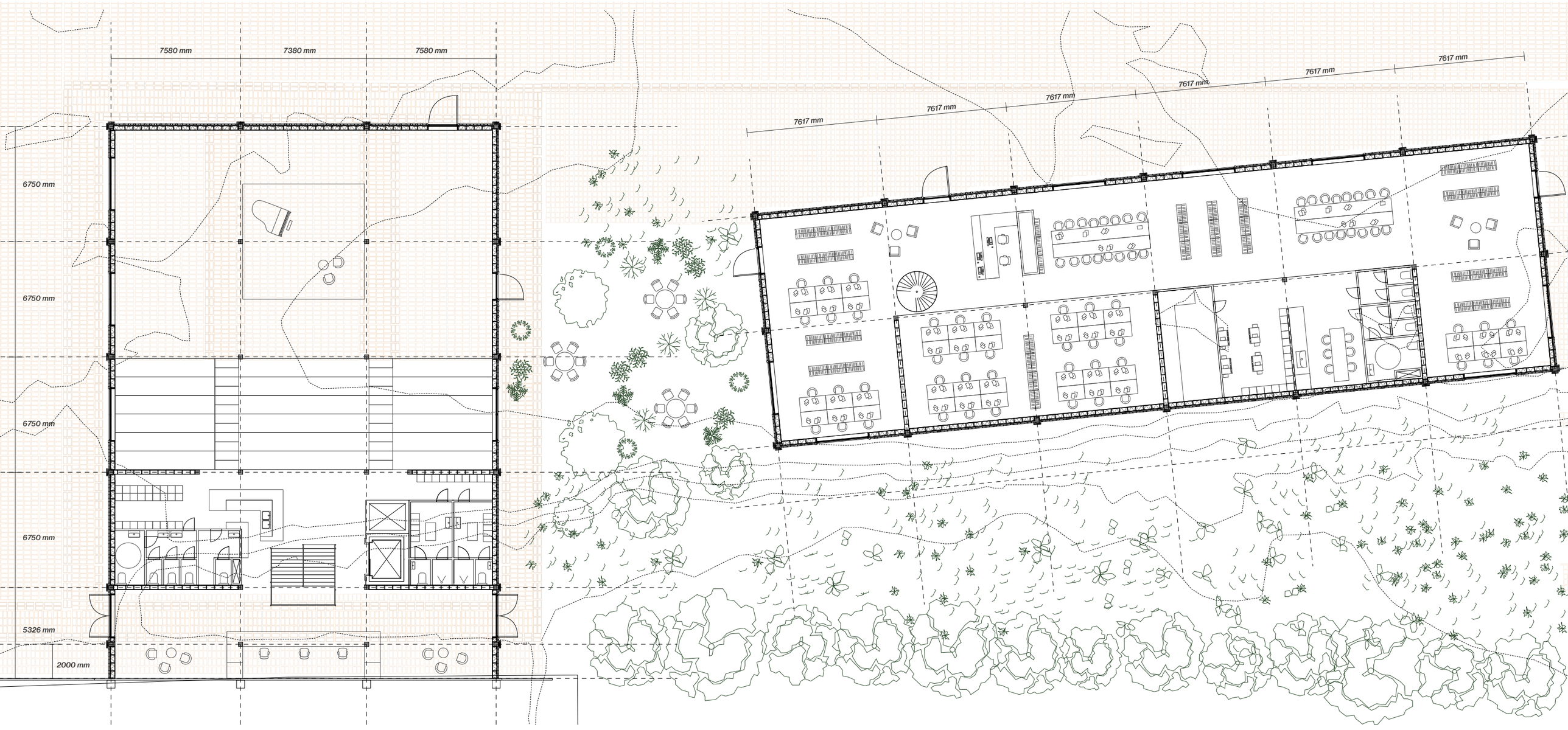


2nd floor masterplan

reacting

total ensemble

reacting



groundfloor

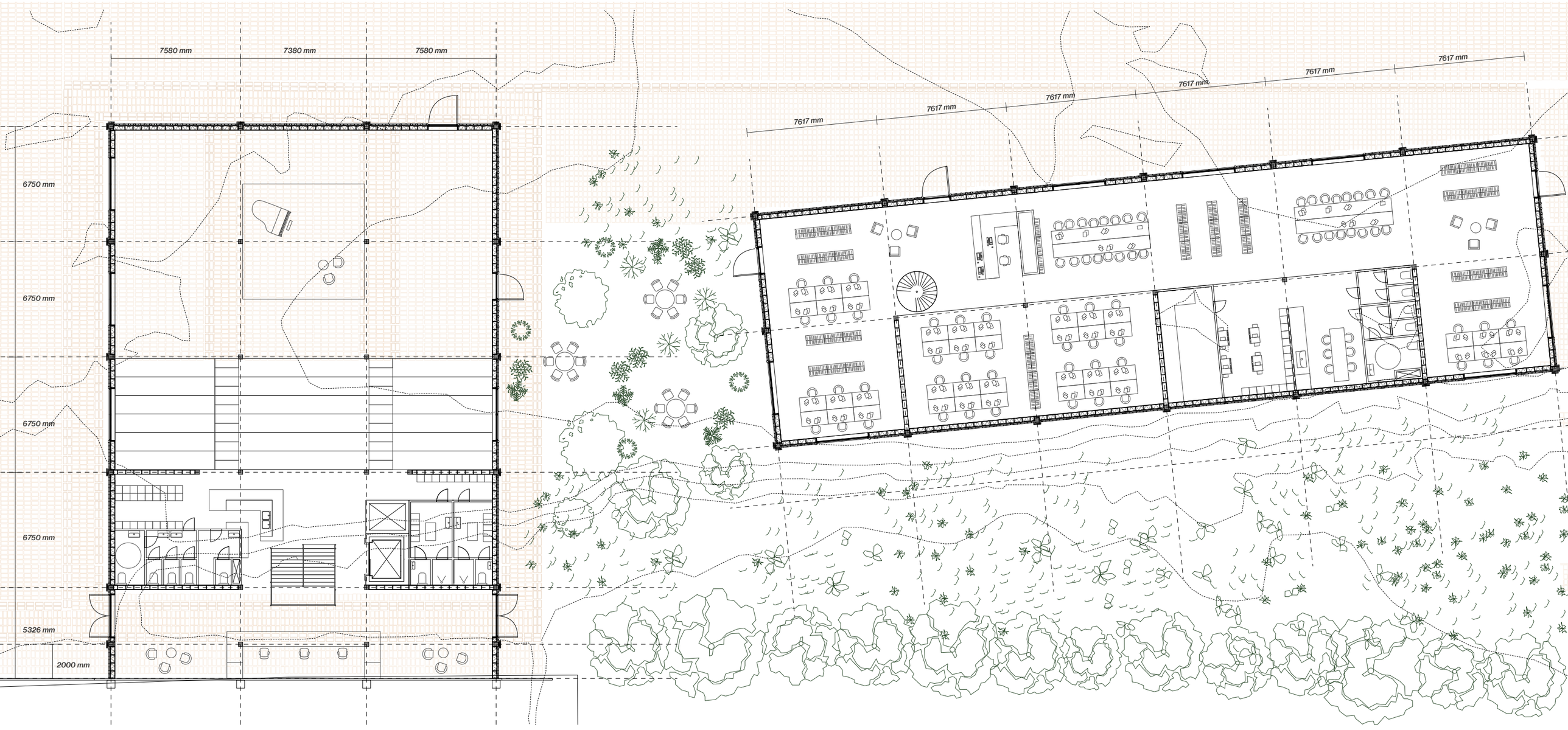
reacting

facade facing the square

reacting

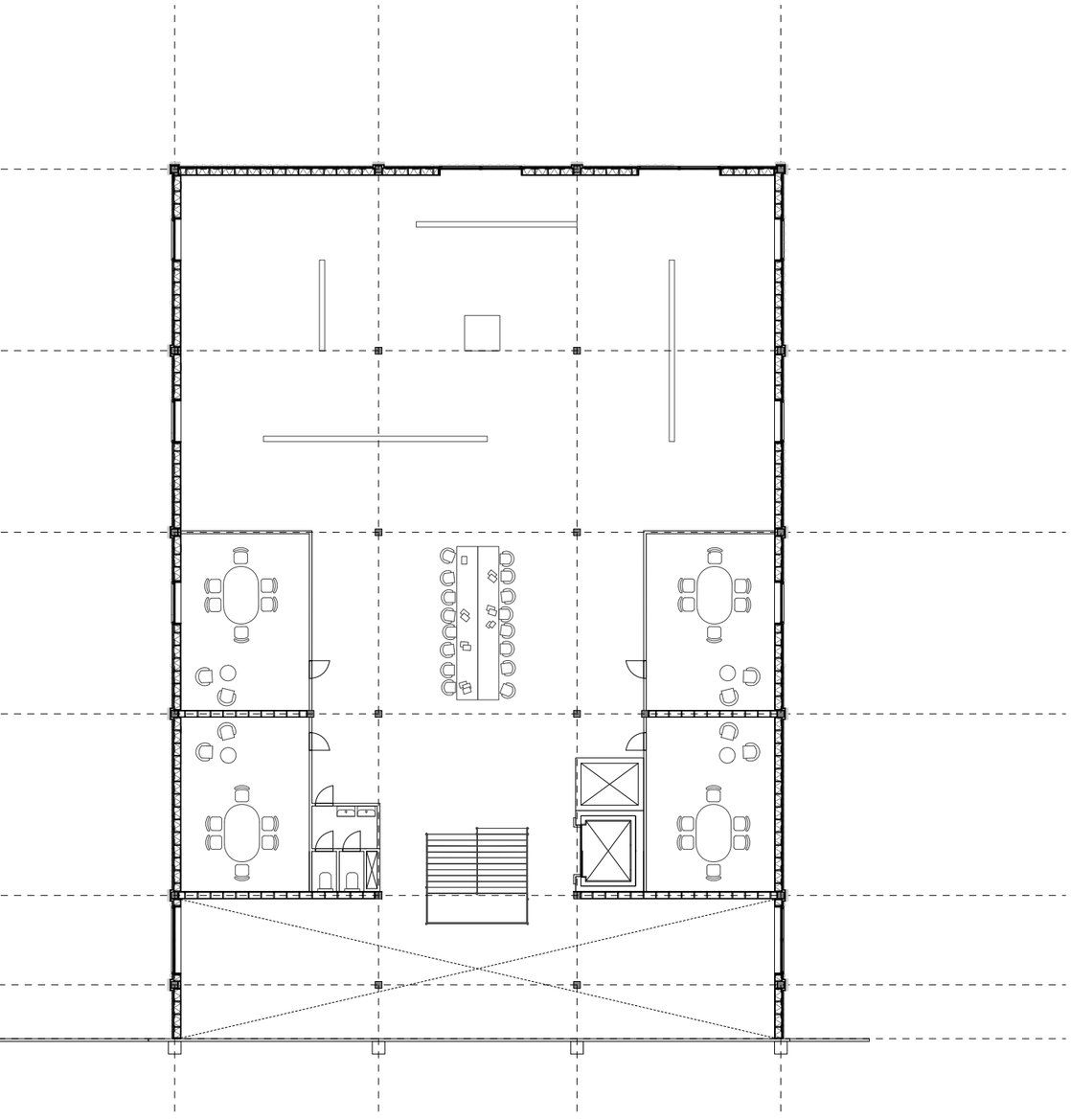
facade facing the friche

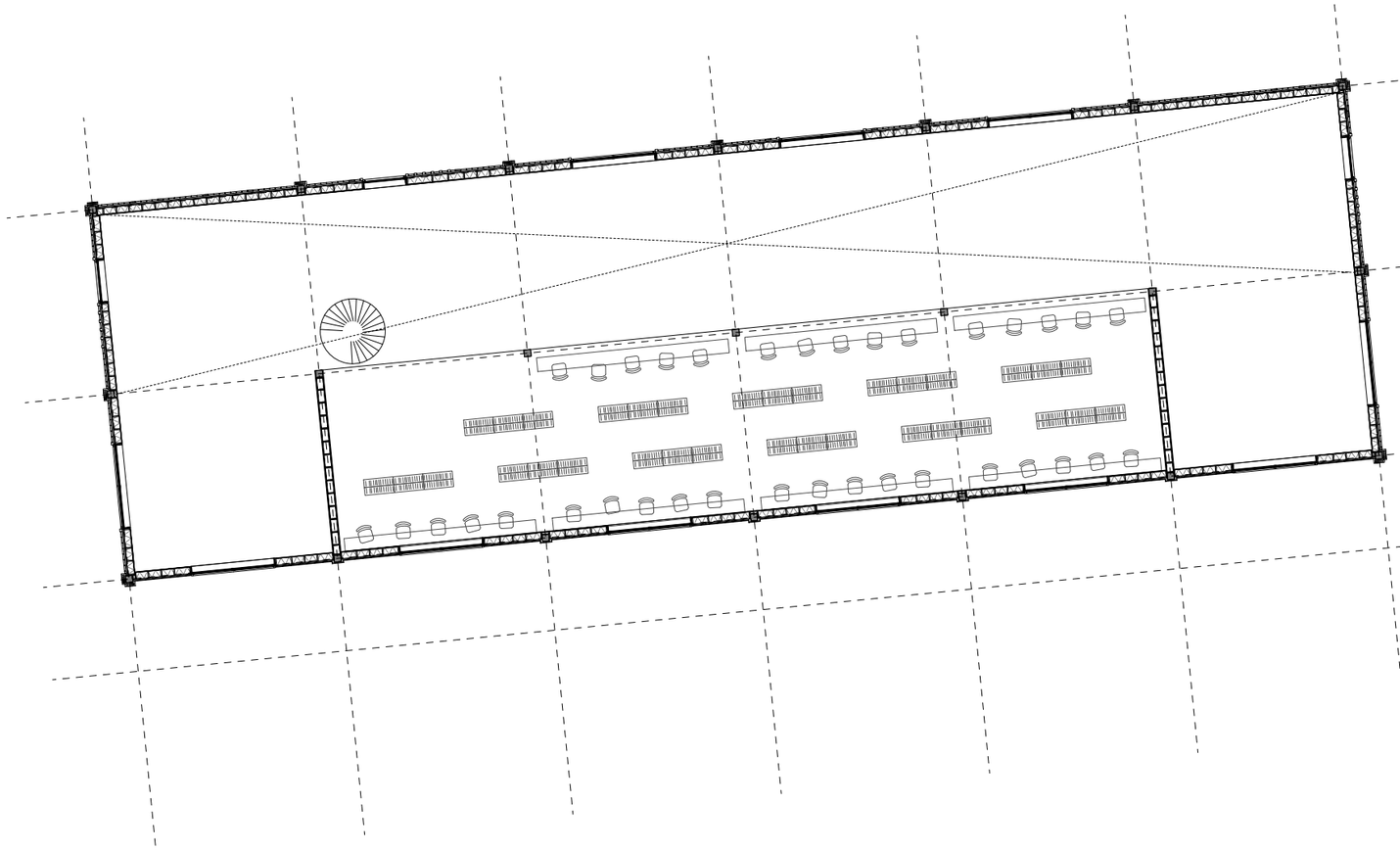
reacting



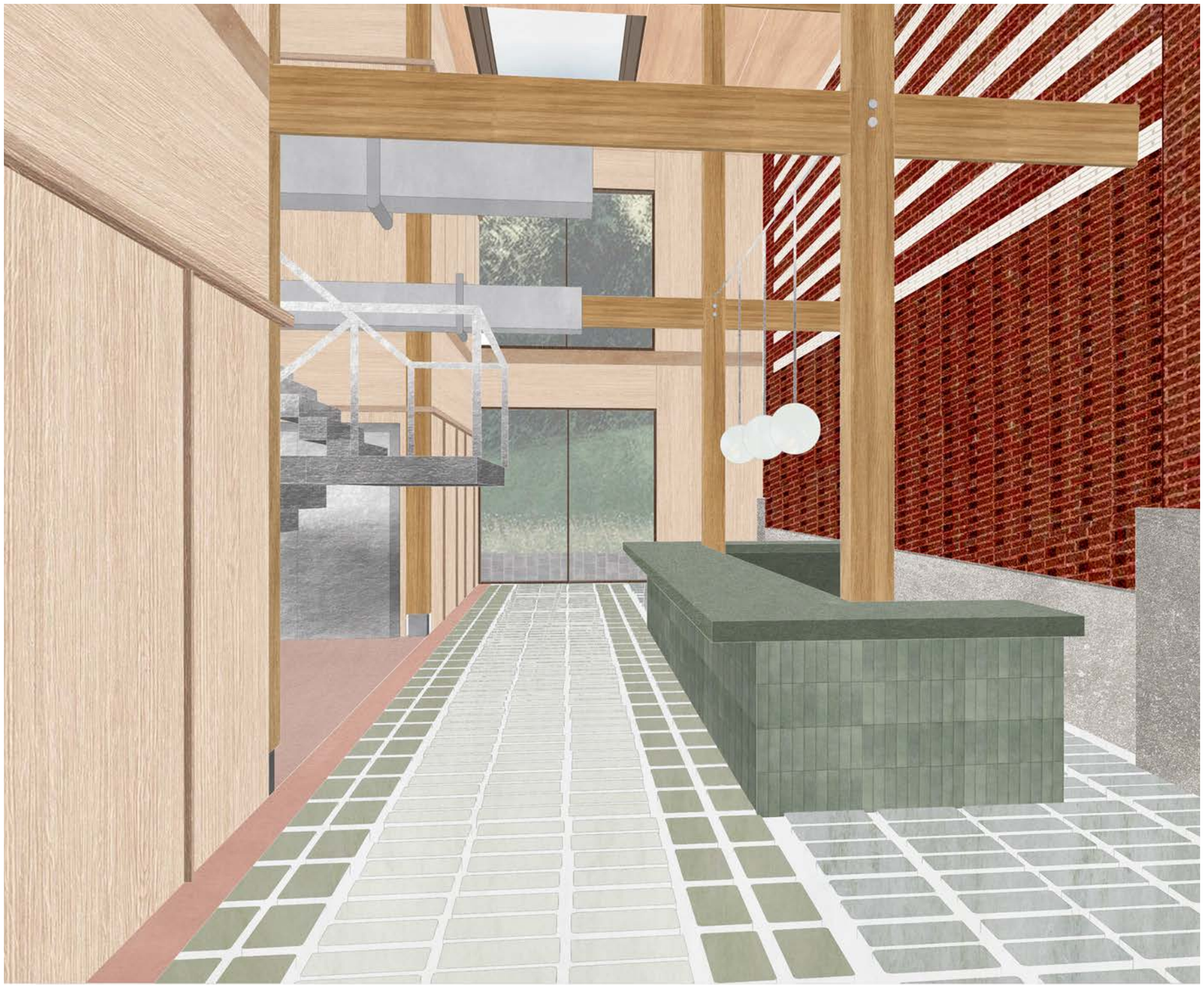
groundfloor

reacting



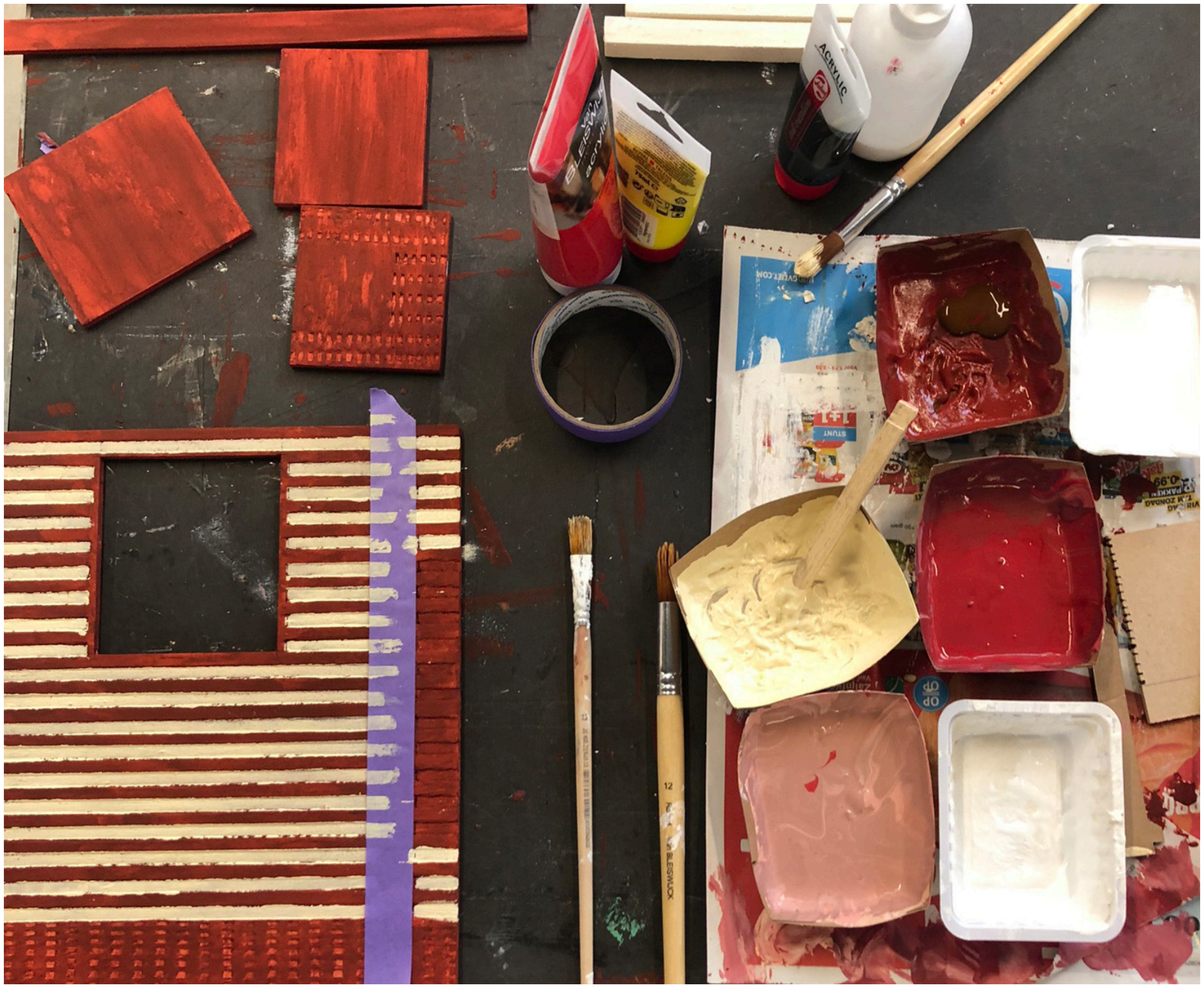


1st floor



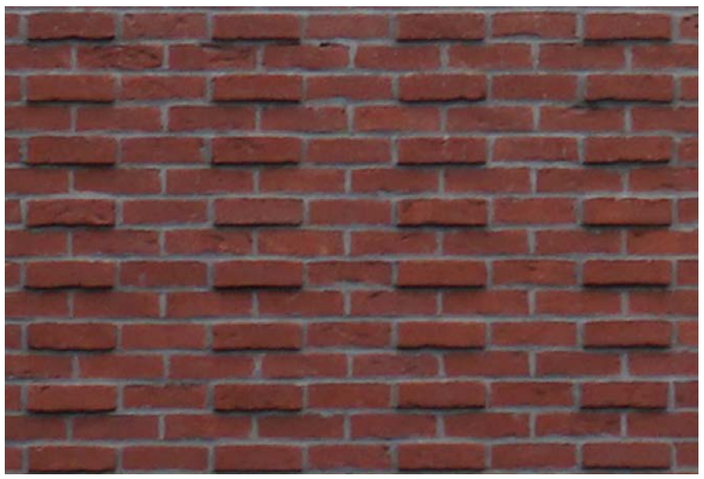
entrance interior impression

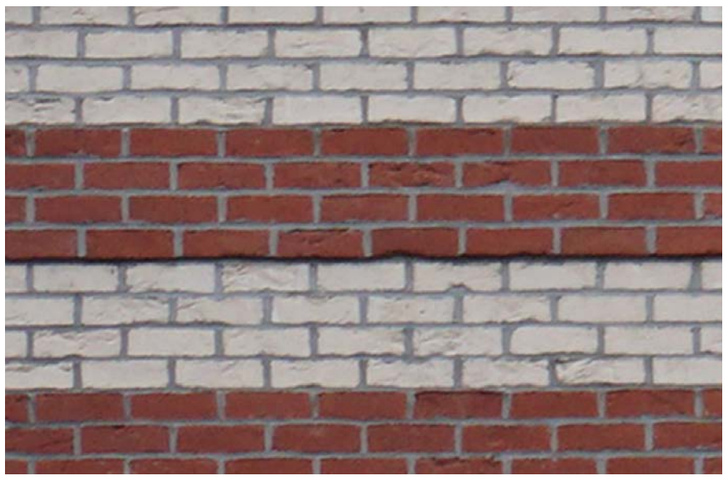
stage interior impression



p3 facade fragment

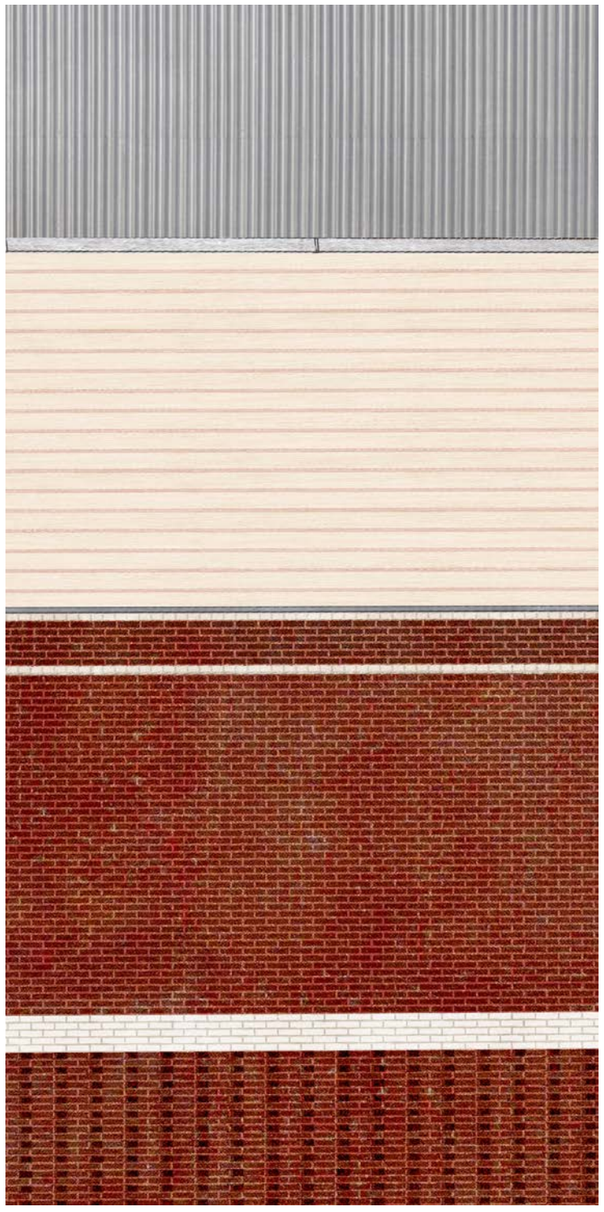
reacting





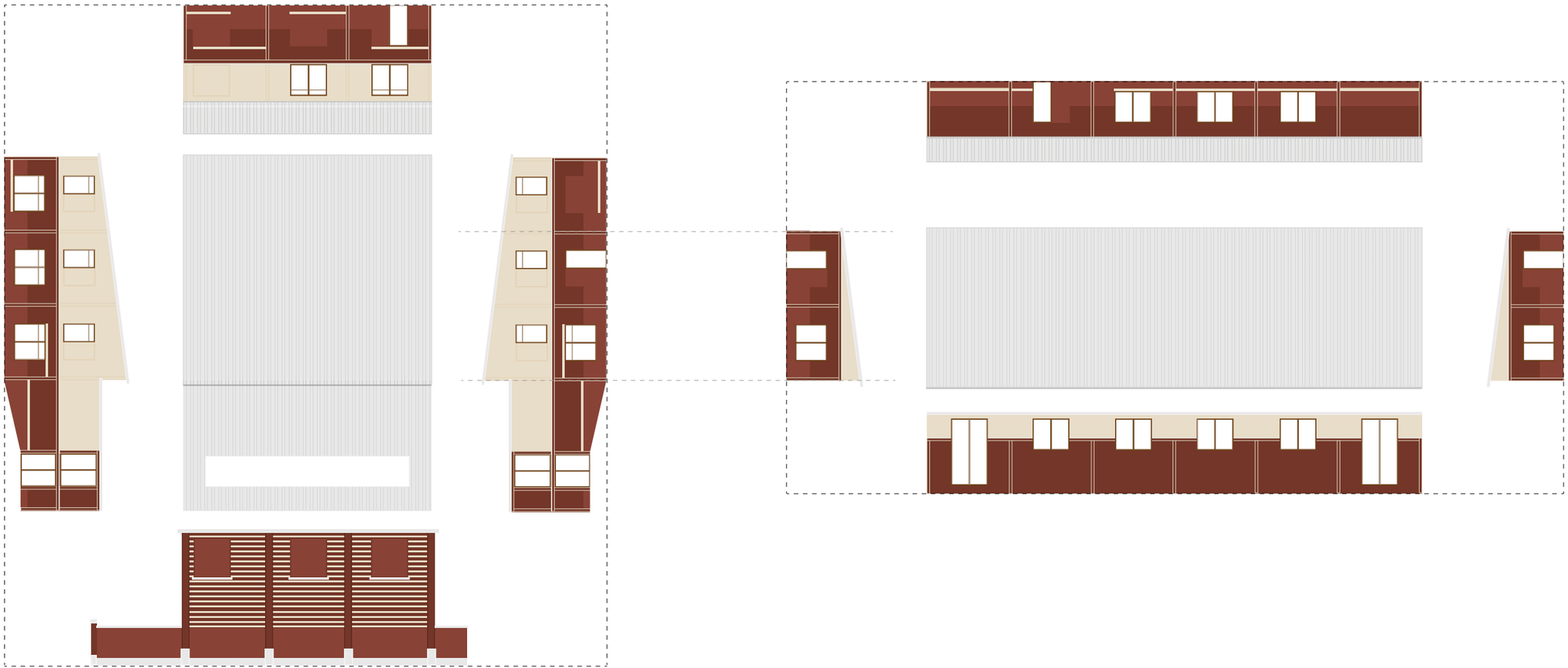
reshape: brick facade

reacting



reshape: brick facade

reacting

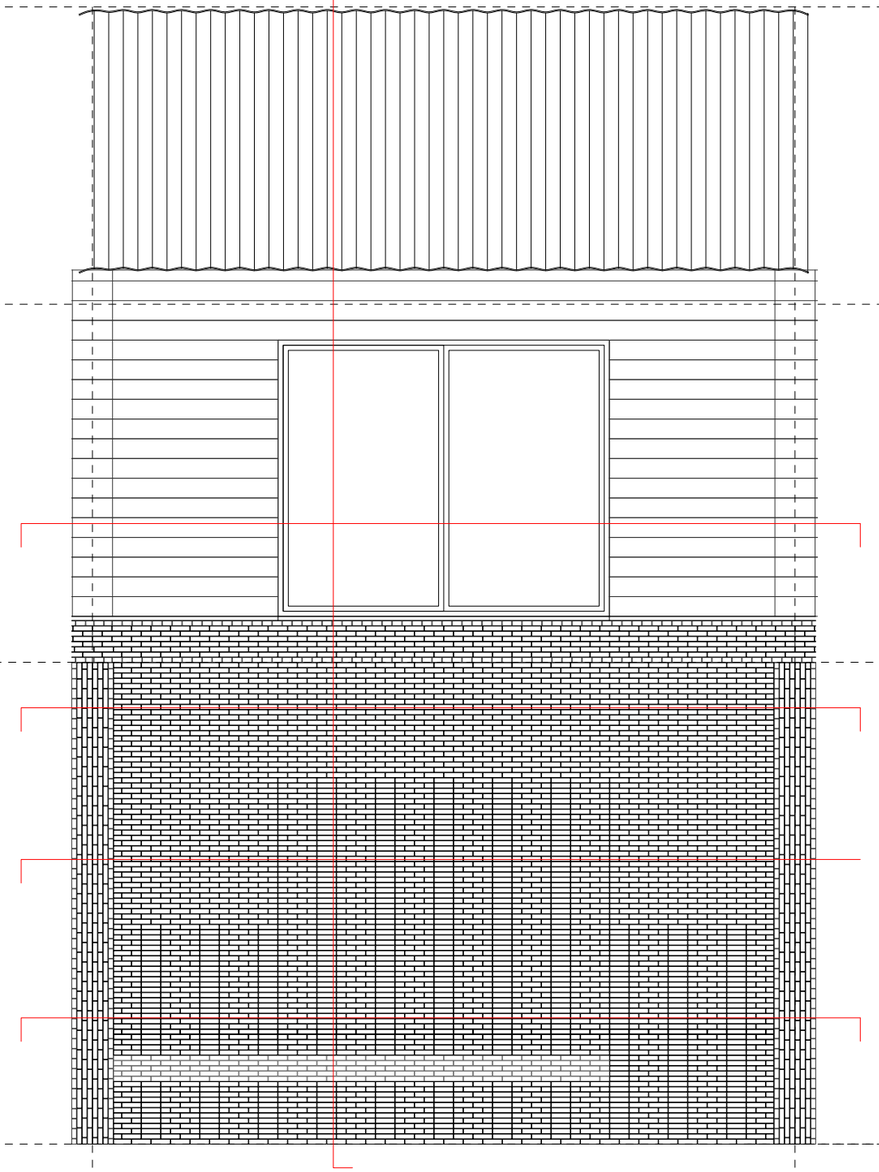


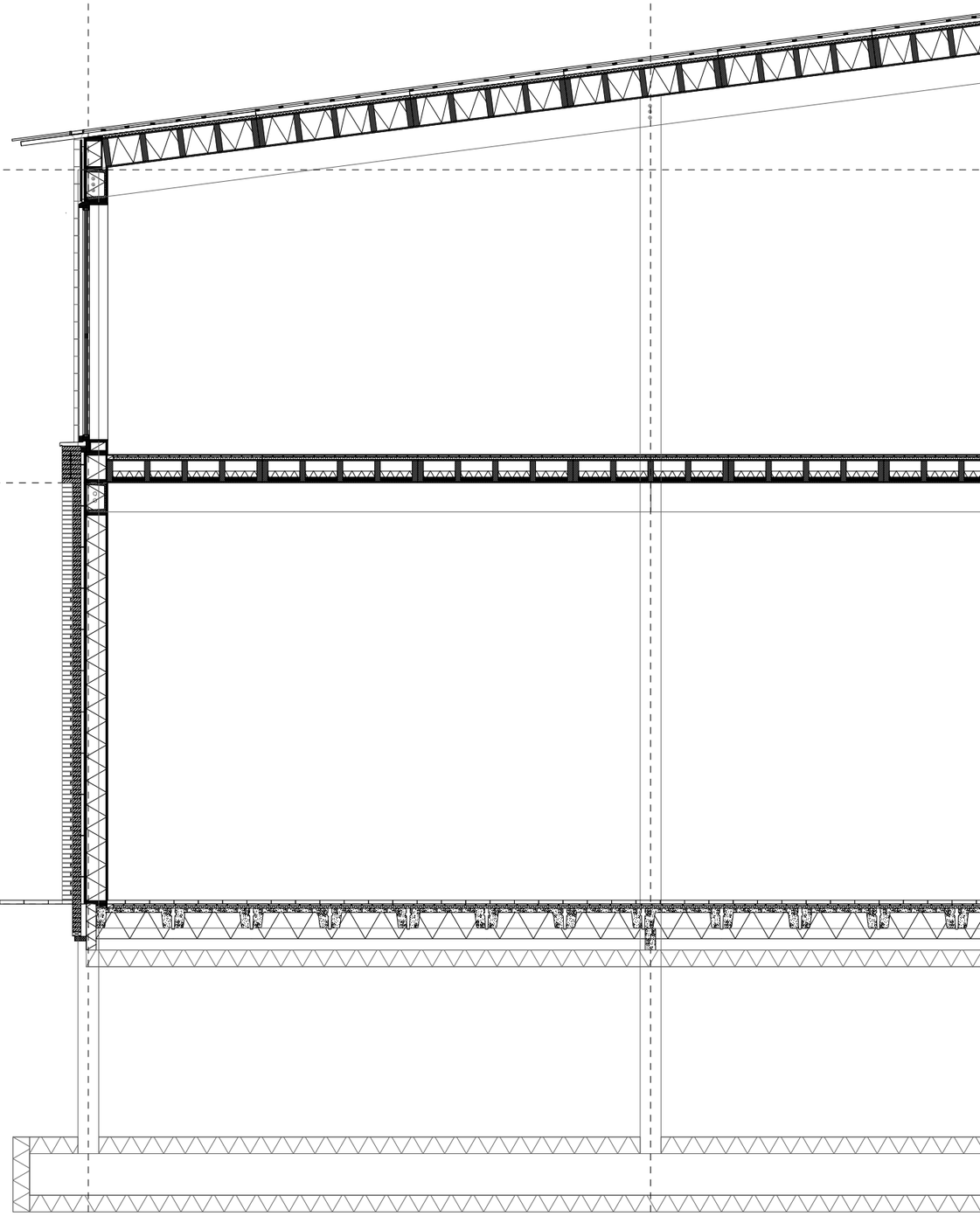
reshape: brick facade

reacting

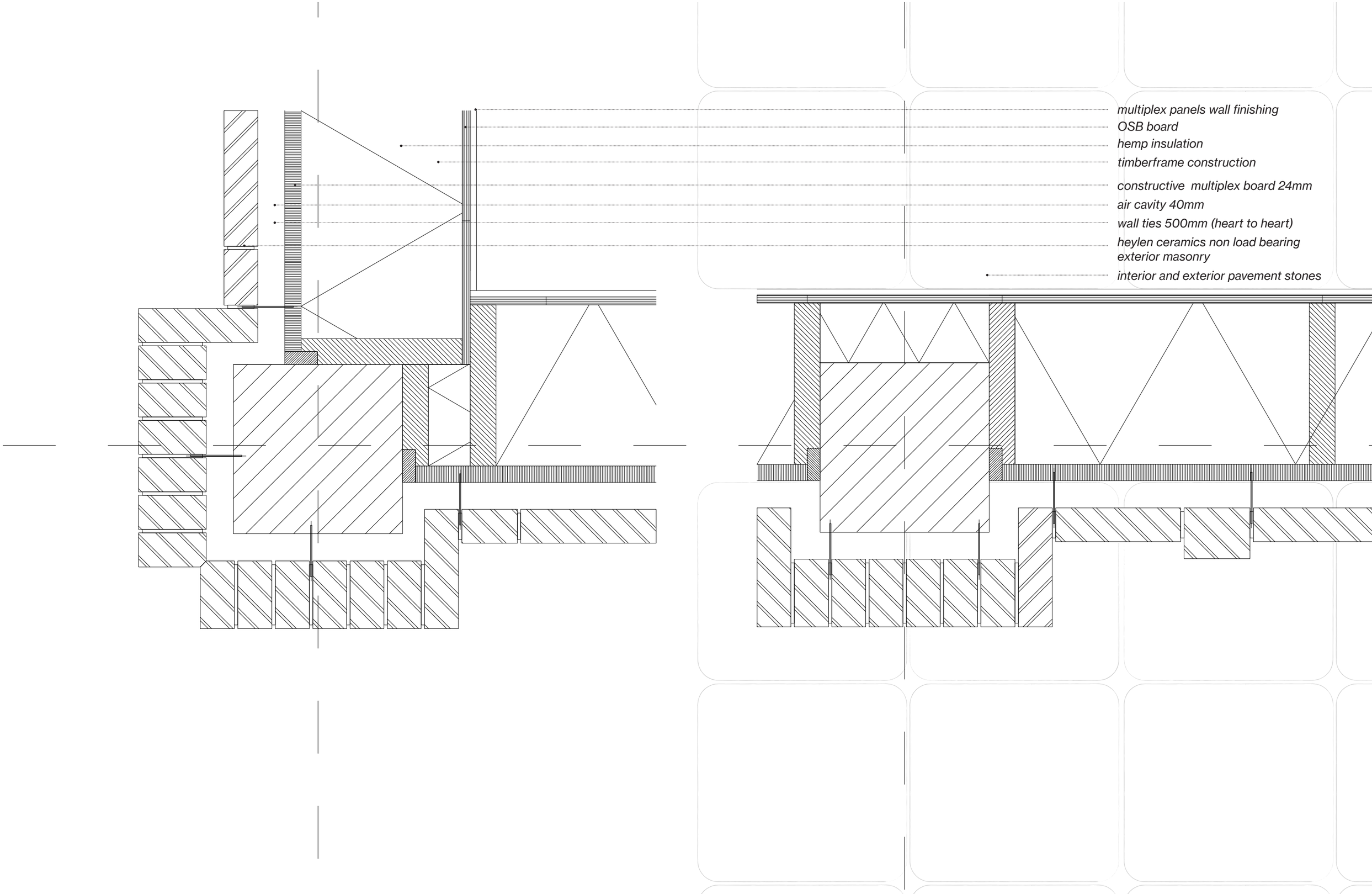
reshape: brick facade

reacting

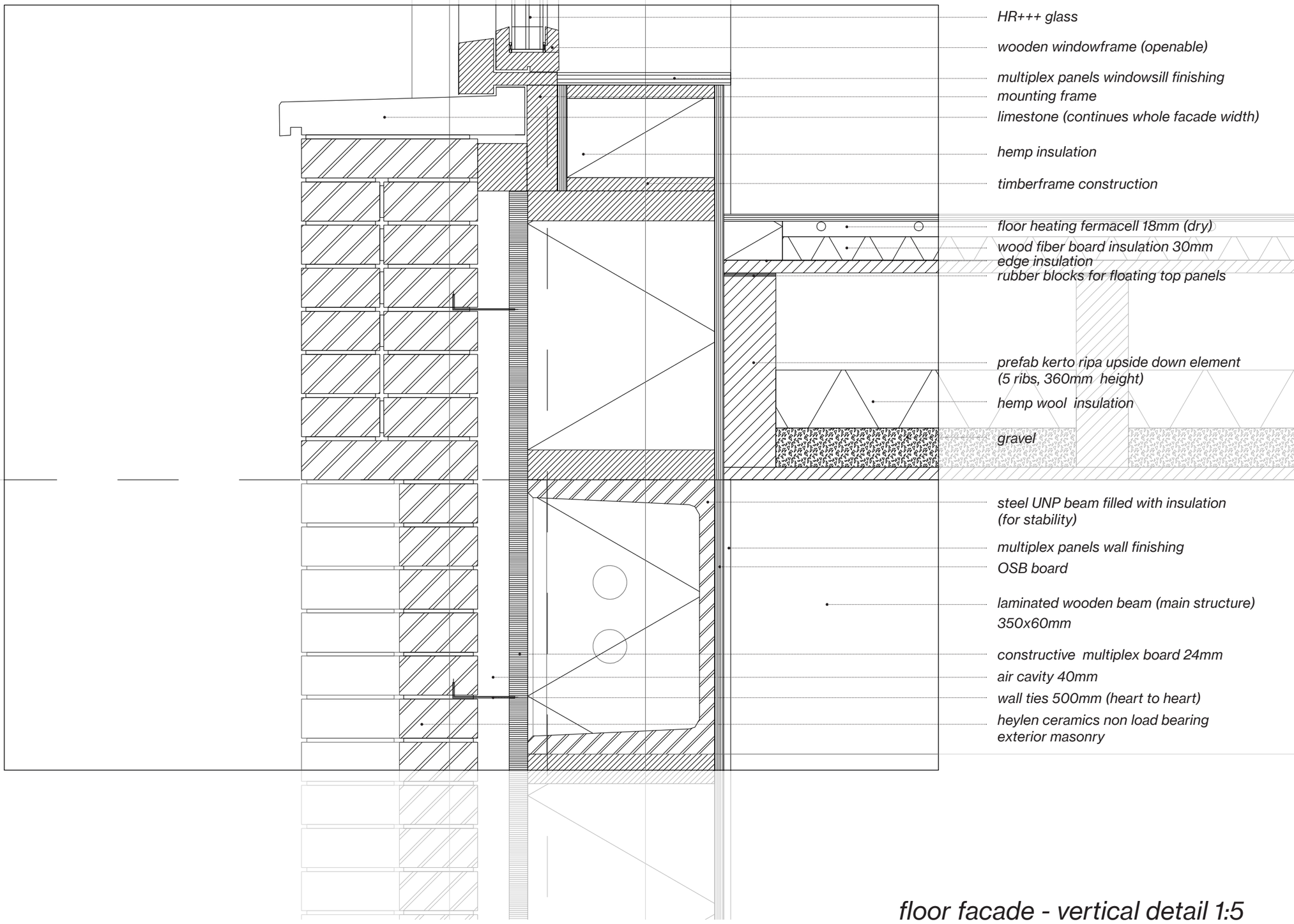




reshape: brick facade



facade - horizontal detail 1:5

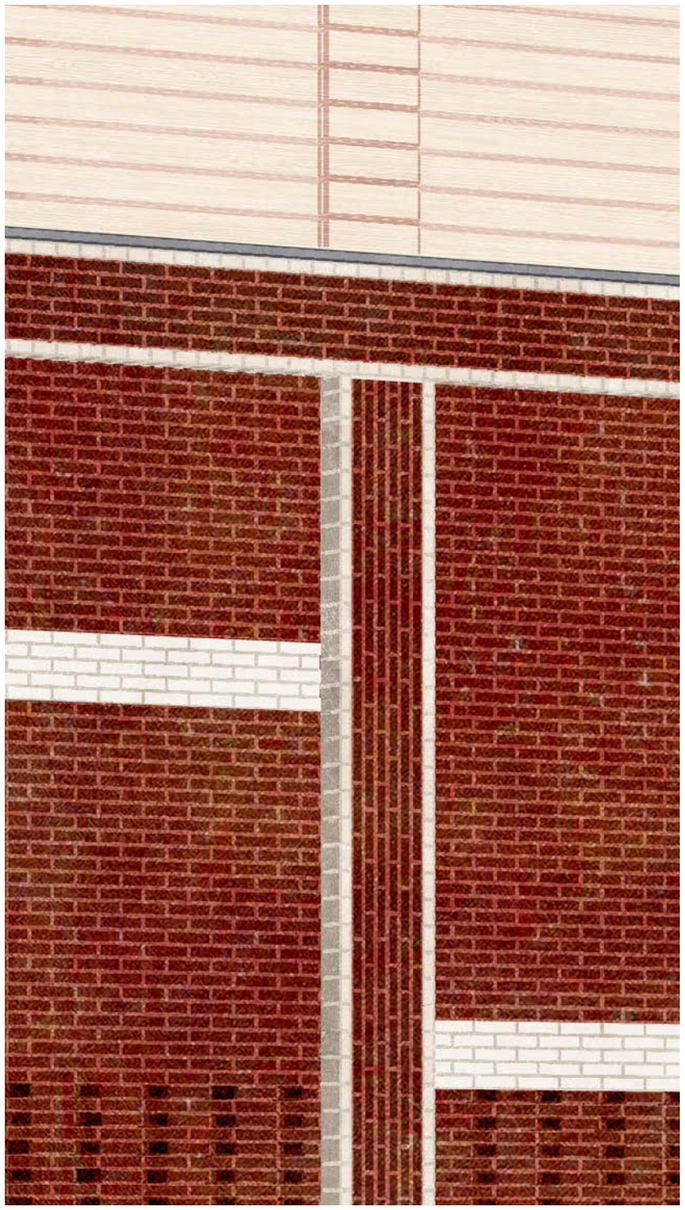


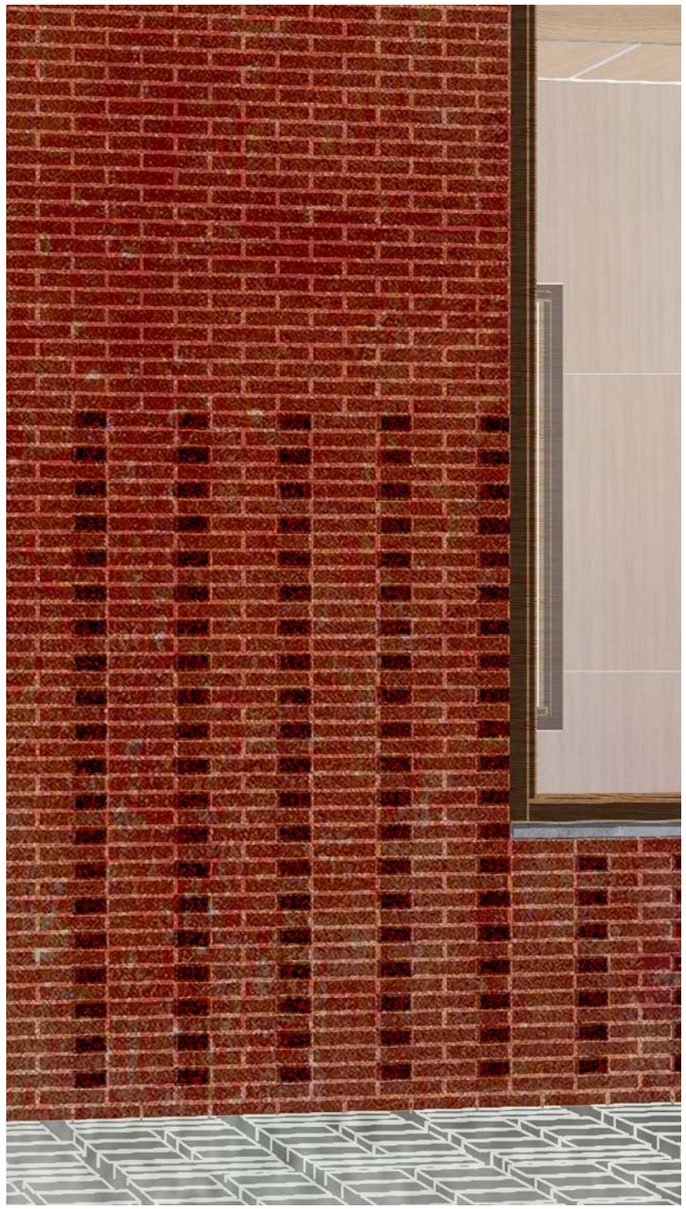
floor facade - vertical detail 1:5

reacting

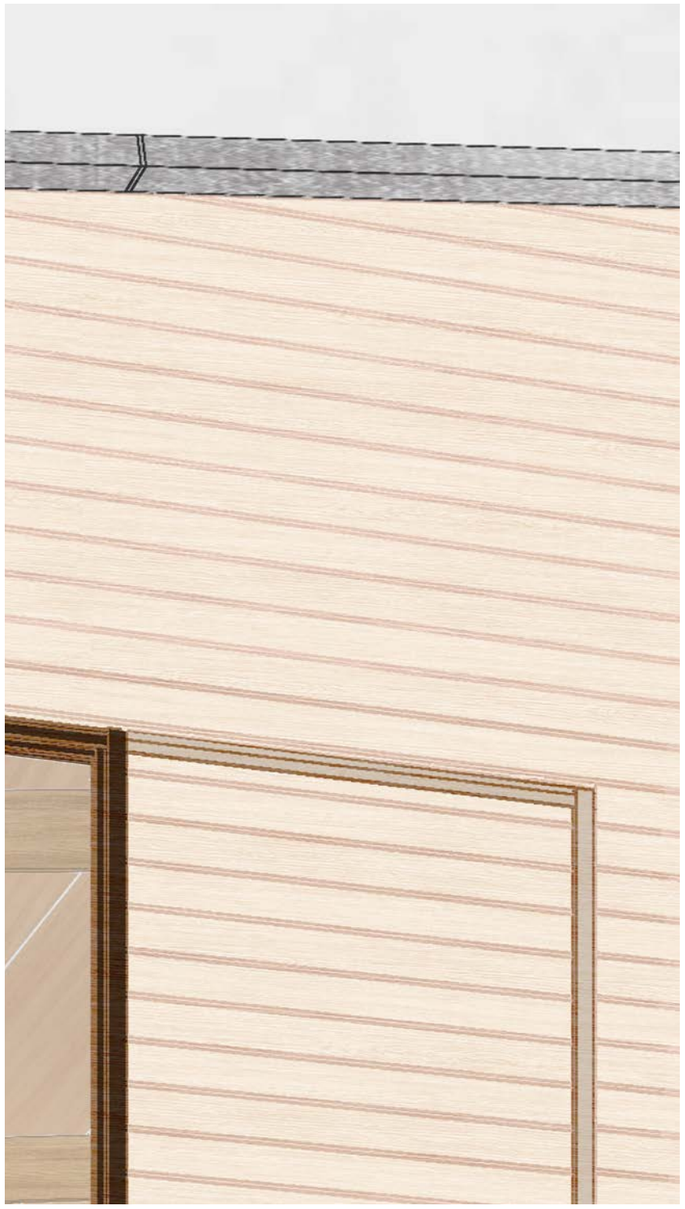
reshape: brick facade

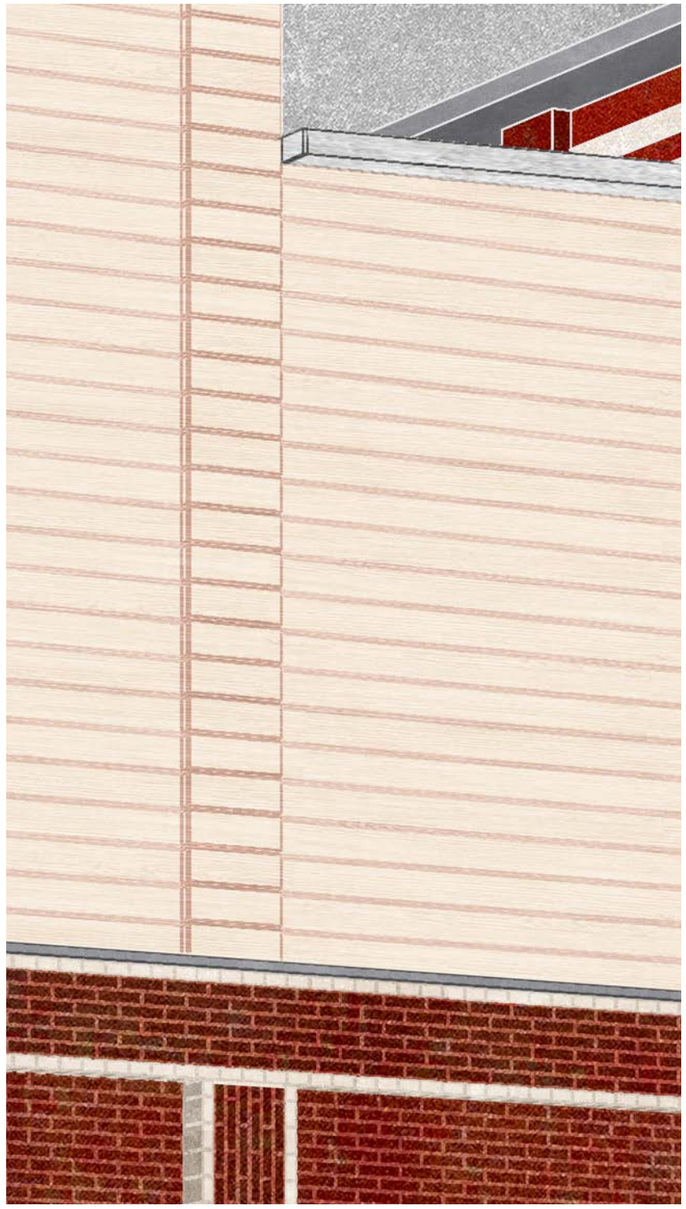
reacting





reshape: brick facade



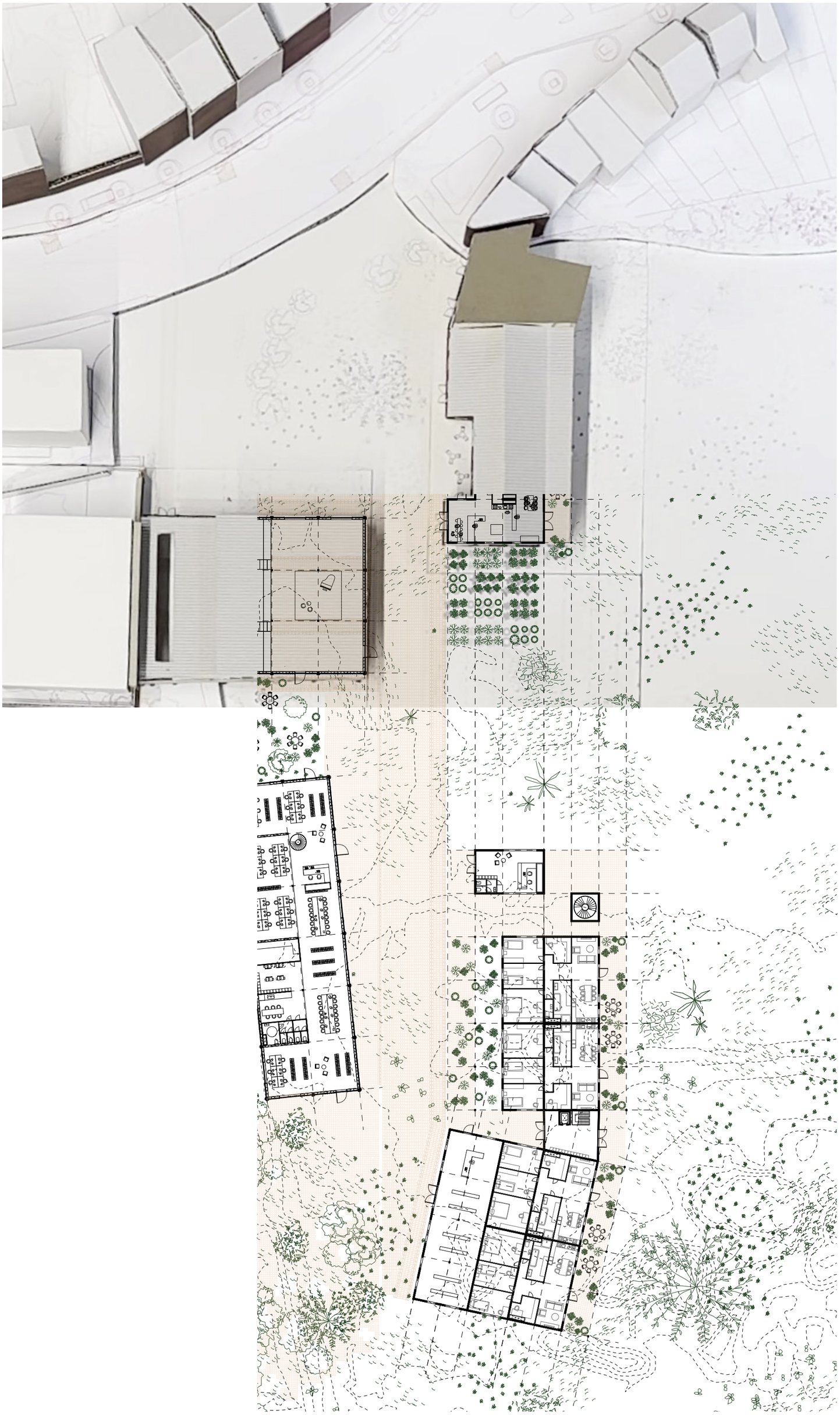


reshape: brick facade

reacting

reshape: brick facade

reflecting



thank you.

elina gaillard
urban architecture graduation